



ABOVE ALL

www.AboveAllLighting.com



2017-2018 | PRODUCT CATALOG |



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www.AboveAllLighting.com

ABOUT US

Above All Lighting, a leader in R&D, manufacturing and customization of LED indoor and outdoor light fixtures. Above All Lighting is focused on serving the commercial and industrial markets and a commitment to design and manufacturing excellence. Above All Lighting uses the latest LED, thermal, optical, and control components in our products to ensure the best quality and the technology for the United States and Canadian Market.

Above All Lighting's headquarters is located in Toms River, New Jersey where Above All Lighting's products are engineered, designed and customized in our machine shop. Above All Lighting also owns its 600,000sf ISO9001: 2000 and ISO14001: 2004 certified factory in Asia to ensure the high quality of our products.

Above All Lighting's LED products include: area lights, outdoor floods, high bays, wall packs, garage lights, ceiling lights, LED tubes, and flat panels which meet the latest DLC requirements. Above All Lighting also offers led luminaires with special features such as customization of optics, brackets, diffusers, and controls including smart lighting technology, daylighting, motion and photo sensors, mesh networks, cameras, and Wi-Fi routers.

Above All Lighting's expert staff includes 22 engineers, 6 designers, and a senior management team with most of them having over 20 years of experience serving design, manufacturing, electrical distributors and contractors.

Service to customers and providing the best quality products is Above All Lighting's formula for success.

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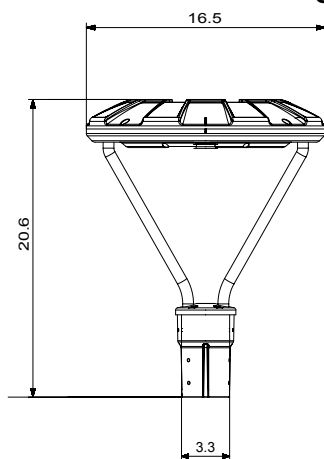
■ FEATURES

1. Patented Air Cooling Design
2. IP66 Rated Enclosure
3. Post top or Pendant Mounting
4. Superior Low-glare Illumination
5. Programmable Multi-level Motion Sensor
6. 7 Pin Receptacle
7. Optional with Photo Cell

■ Performance

Input Watts (LM-79 Reported)	35	47.8	72.1	99.4
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	4039	5319	8057.4	11595
Replaces (MH)	150W	175W	250W	320W
Lumen Per Watt	115	111	111.8	116.7
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated	IP66 rated

■ Dimensions & Weight



Length: 16.5"
 Width: 16.5"
 Height: 20.6"
 Max. Weight: 16.54 lbs

■ Ordering Information

Example: MPT35501-MS-L3B-P1-V

Moon Series	Watts	CCT	Voltage	Controls	Installation	Distribution	Finish
MPT	35 - 35 Watts	30 - 3000K	1 - 120-277V	MS-L3B - Motion Sensor ²	P1 - 2-3/8" to 3"	V - Type V	Blank - Dark
	50 - 50 Watts	40 - 4000K	6 - 347V/ 480V¹	With Black L3 Lens	Tenon Pole ⁴	III - Type III	Bronze
	75 - 75 Watts	50 - 5000K		PC - Photo Cell		II - Type II	AL - Aluminum
	100 - 100 Watts			7P - 7 Pin Receptacle ³			Silver

Notes:

1. 347/480V is available for 50W, 75W and 100W. No controls for 347/480V.
 2. Black L3 lens is standard for 35W and 50W; Black L7 lens is standard for 75W and 100W. Please check the motion sensor manual for more information.
 3. Shorting cap included.
 4. 4"OD round pole adapter is available for accessory.
- * Special Order - Please Ask Customer Service.

Moon Series Post Top

■ Accessories Information (Order Separately)



MPT-4RPA

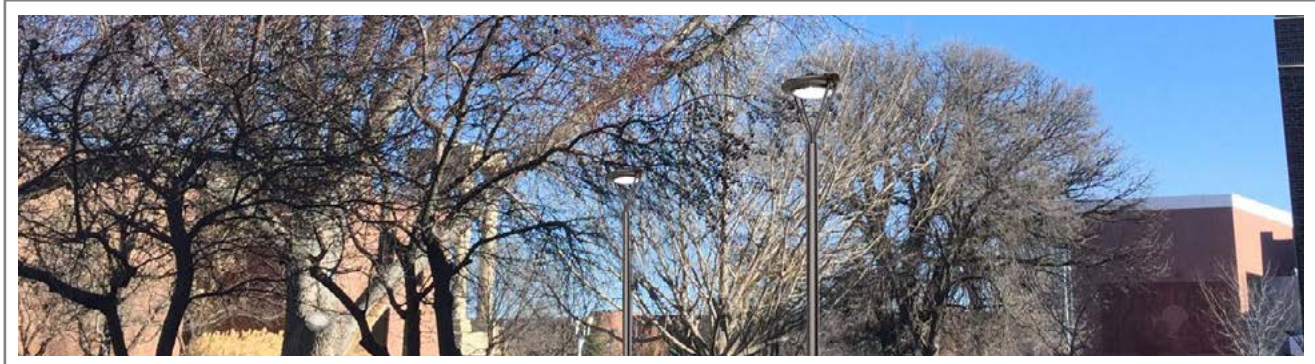
4"OD round pole adapter for Moon series post top



MPT-HSS

House side shield for Moon series post top

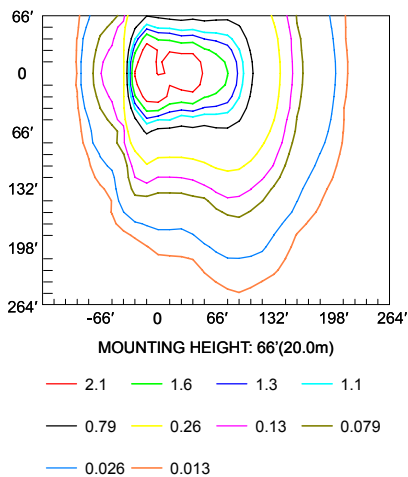
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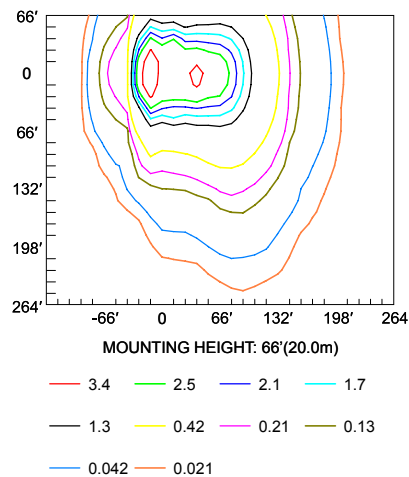
■ Photometry

Mounting Height	16.5	19.8	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	66
Multiplier	16.0	11.1	8.2	6.3	4.9	4.0	3.3	2.8	2.4	2.0	1.8	1.6	1

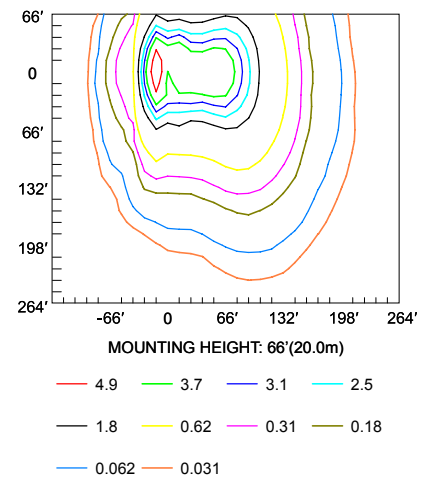
MPT35501-P1-III



MPT50501-P1-III



MPT75501-P1-III



Note: Please visit our website for more details.





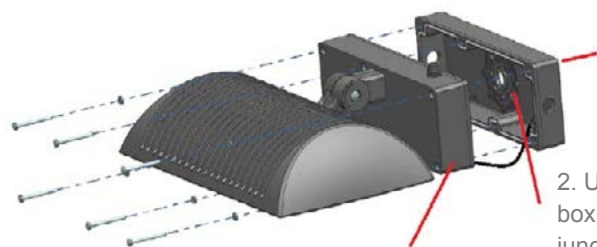
■ FEATURES

1. DLC Premium listed
2. Designed to replace 150-400W MH luminaires while saving up to 88% in energy costs
3. Architecture design
4. Heavy duty construction and IP65 rated

■ Performance

Input Watts (LM-79 Reported)	25	41	52	81	101	123
Input Voltage	120-277	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3060	4960	6548	10166	12558	14454
Replaces (MH)	150W	175W	250W	320W	400W	400W
Lumen Per Watt	123	121	127	125	124	117
Color Accuracy (CRI)	>70	>70	>70	>70	>70	>70
Bug Rating	B1-U1-G1	B2-U1-G1	B1-U1-G1	B2-U1-G2	B3-U1-G2	B3-U2-G2
EPA	26W/38W EPA= 0.68 max (depending on mounting type)		52W/80W/100W/120W EPA=1.42 max (depending on mounting type)			
Working Temperature	-40-104°F (-40-40°C)			-40-104°F (-40-40°C)		
IP Rating	IP65 rated			IP65 rated		

■ Installation

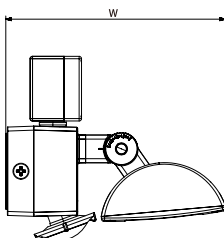
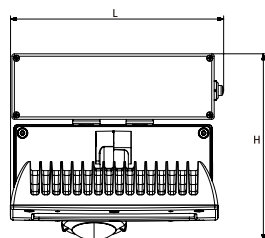
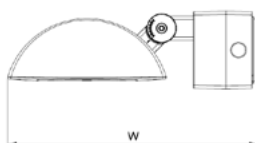
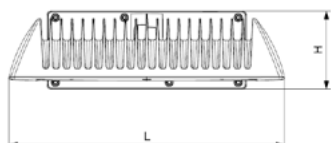


1. Put Driver box (Water proof foam at back) to appropriate position, follow installation manual.

2. Using tool to open holes at driver box (The holes position in driver box follow U.S. standard the hole position of appropriate position junction box requirement), screw tightly.

3. Closed power supply cover, screw tightly and finish installation.

■ Dimensions & Weight



Without EBU and Motion Sensor

26W & 38W

Length: 10.12"
 Width: 9.84"
 Height: 4.69"
 Max. Weight: 8.8 lbs

52W, 80W, 100W, 120W

Length: 15.32"
 Width: 13.78"
 Height: 4.44"
 Max. Weight: 17 lbs

With EBU and Motion Sensor

26W & 38W

Length: 10.35"
 Width: 10.83"
 Height: 9.24"
 Max. Weight: 11.92 lbs

V-Line Wall Pack

■ Ordering Information Example: WL26501

Wall Light	Watts	CCT	Voltage	Controls	Lens Type
WL	26 - 26 Watts	30 - 3000K ¹	1 - 120-277V	MS - Multi Level Motion Sensor ²	L3B - Black L3 lens ⁵
	38 - 38 Watts	40 - 4000K	4 - 120V	PC - Photo Control ³	
	52 - 52 Watts	50 - 5000K	5 - 277V	EBU - Emergency battery backup ⁴	
	70 - 80 Watts		6 - 347V/ 480V ⁶		
	100 - 100 Watts				
	120 - 120 Watts				

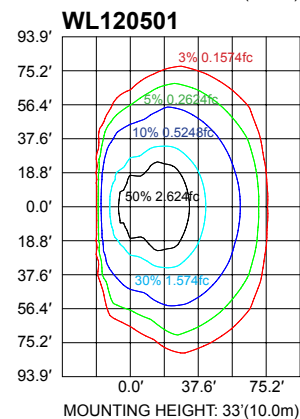
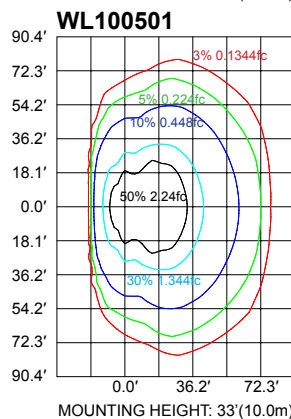
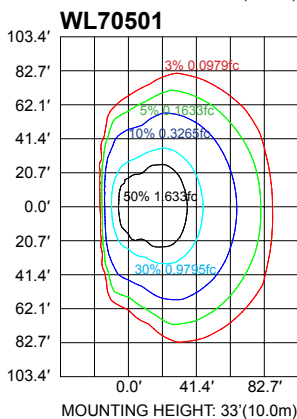
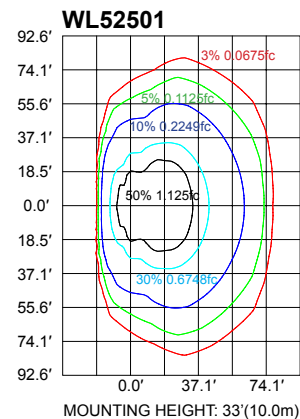
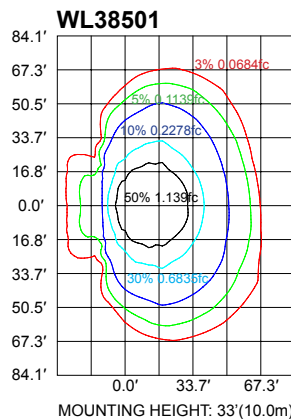
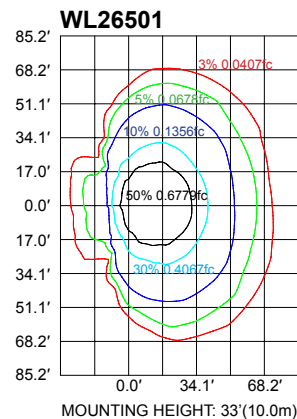
Notice:

- 3000K DLC Premium only qualified in 26W, 38W, 52W and 80W
 - Motion Sensor is only available in 26W and 38W
 - PC is only for 120V or 277V. Without PC, please choose 120-277V
 - EBU is only available in 26W and 38W. And, the working temperature is 0-40°C
 - Default motion sensor lens type is black L3 lens - Please ask customer service for other options.
 - High Voltage version is unavailable in 26W and 38W.
- * Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





■ FEATURES

1. DLC Premium listed
2. Versatile design
3. Designed to replace 70-100W MH luminaires while saving up to 88% in energy costs
4. Wall pack mounting option provides a swivel junction box
5. Modern Yet Classic Design

■ Performance

Input Watts (LM-79 Reported)	14	20
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1626	2275
Replaces (MH)	70W	100W
Lumen Per Watt	115	114
Color Accuracy (CRI)	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ Installation

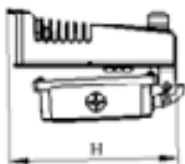


Wall Pack, Wall Mount,
Including junction box



Connection between junction box
and fixture can be adjusted

■ Dimensions



15W&20W wall mount (with junction box)

Length: 7.2"

Width: 5.6"

Height: 4.8"

Leopard Series Mini Wall Pack

■ Ordering Information

Example: MFW15504-PC-WL

Mini Flood and Wall Light	Watts	CCT	Voltage	Controls	Installation
MFW	15 - 15 Watts	30 - 3000K	1 - 120-277V	PC - Photo Control ² (only 120V or 277V)	WL - Wall Mount(Junction Box)
	20 - 20 Watts	40 - 4000K	4 - 120V		
		50 - 5000K ¹	5 - 277V		

Notice:

1. Only 5000K is qualified with DLC Premium.

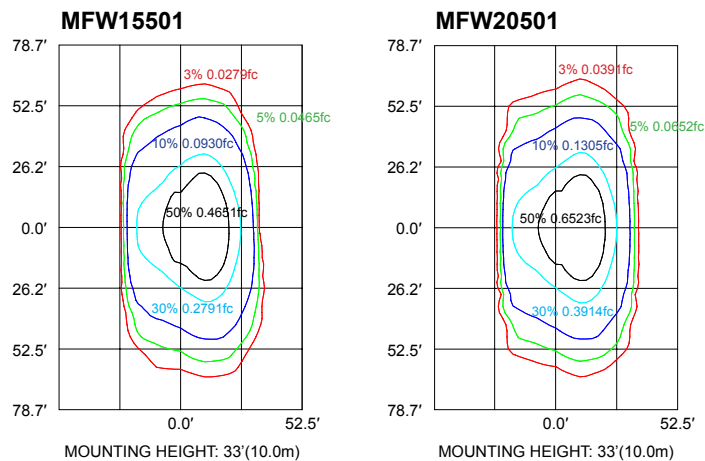
2. PC is only for 120V or 277V. Without PC, please choose 120-277V.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





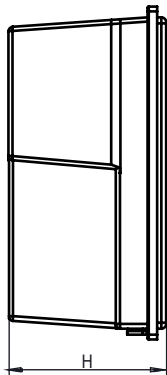
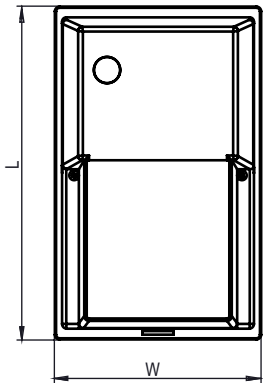
■ **FEATURES**

- 1. High-quality lens
- 2. Thermally managed construction
- 3. Heavy duty housing
- 4. Self-contained driver
- 5. Uniform color consistency
- 6. Environmental protection, no heavy metals and harmful gas
- 7. 120-volt electrical systems, integrated photocell included

■ **Performance**

Input Watts (LM-79 Reported)	13
Input Voltage	120V
Output Lumens (@5000K)	1200
Replaces (MH)	70W
Lumen Per Watt	92
Color Accuracy (CRI)	>70
Bug Rating	B0-U3-G2
Working Temperature	-40-104°F (-40-40°C)
IP Rating	IP65 rated

■ **Dimensions & Weight**



Length: 10.9"
Width: 6.8"
Height: 5.2"
Max. Weight: 3.39 lbs

Traditional Security Light

■ Ordering Information Example: ABBSEC14504

ABOVE ALL	Security Light	Watts	CCT	Voltage
ABB	SEC	14 - 14 Watts	30 - 3000K	4 - 120V
			40 - 4000K	
			50 - 5000K ¹	

Notice:

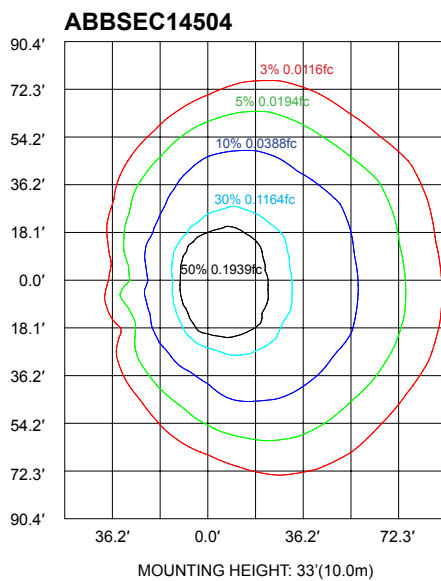
1. Only 5000K is qualified with DLC.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





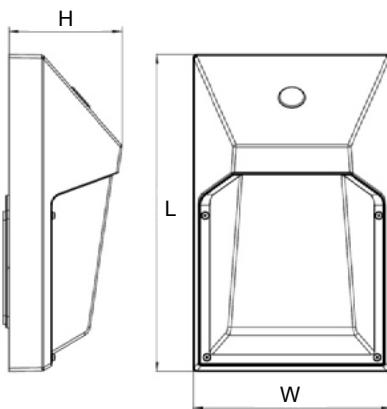
■ FEATURES

1. DLC Premium Listed
2. Thermally managed construction
3. Heavy duty housing
4. Self-contained driver
5. Uniform color consistency
6. Environmental protection, no heavy metals and harmful gas
7. 120-volt electrical systems, integrated photocell included
8. Unique yet classic design with high efficacy

■ Performance

Input Watts (LM-79 Reported)	13
Input Voltage	120V
Output Lumens (@5000K)	1667
Replaces (MH)	100W
Lumen Per Watt	135
Color Accuracy (CRI)	>70
Bug Rating	B0-U3-G1
Working Temperature	-40-104°F (-40-40°C)
IP Rating	IP65 rated

■ Dimensions & Weight



14W

Length: 10.98"

Width: 6.84"

Height: 3.93"

Max. Weight: 3.39 lbs

TR Security Light

■ Ordering Information Example: TRSEC14504

Transformer Series	Security Light	Watts	CCT	Voltage
TR	SEC	14	30 - 3000K 40 - 4000K 50 - 5000K¹	4 - 120V

Notice:

1. Only 5000K is qualified with DLC Premium.

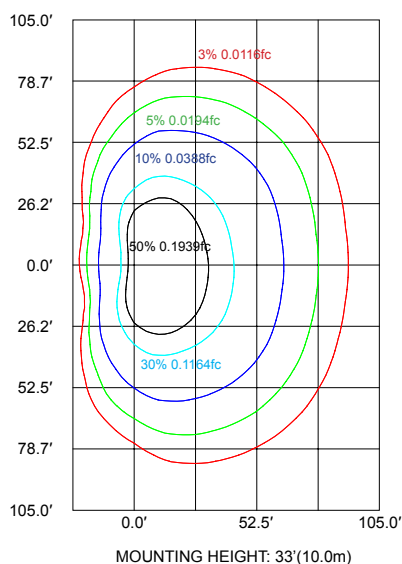
* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1

TRSEC14501



Note: Please visit our website for more details.





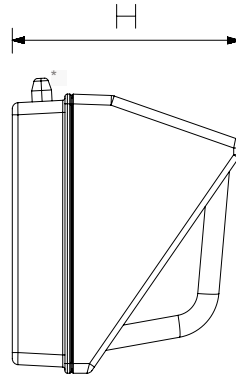
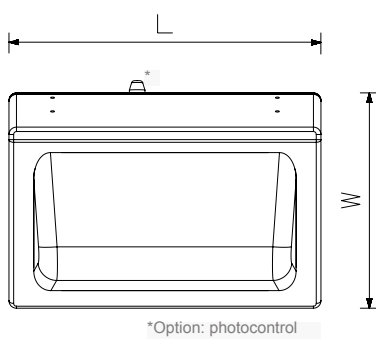
■ FEATURES

1. DLC listed
2. Uniform color consistency
3. Internal aluminum heat sink
4. High-quality shatter-resistant borosilicate lens
5. Superior Longevity
6. Durable housing
7. No heavy metals or harmful gas
8. Universal voltage
9. Optional photo control and motion sensor

■ Performance

Input Watts (LM-79 Reported)	21	31	37	50
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	2385	3269	3663	4941
Replaces (MH)	125W	150W	175W	250W
Lumen Per Watt	114	105	99	99
Color Accuracy (CRI)	>80	>80	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



20W & 30W

Length: 14.5"
 Width: 9.0"
 Height: 7.5"
 Max. Weight: 10.12 lbs

40W & 52W

Length: 18.5"
 Width: 9.0"
 Height: 9.5"
 Max. Weight: 16.7 lbs

■ Ordering Information

Example: ABBWP30504-PC

ABOVE ALL	Wall Pack	Watts	CCT	Voltage	Controls
ABB	WP	20 - 20 Watts	30 - 3000K ¹	1 - 120-277V	MSW - Microwave Motion Sensor
		30 - 30 Watts	40 - 4000K ²	4 - 120V	PC - Photo Control ³
		40 - 40 Watts	50 - 5000K	5 - 277V	Leave blank for no controls
		55 - 52 Watts			EBU - Emergency Battery Backup ⁴

Notice:

1. 3000K DLC is only available in 20W and 30W.
2. 4000K DLC is only available in 20W and 30W.
3. PC is only for 120V or 277V. Without PC, please choose 120-277V.
4. EBU solution are only available in 20W, 30W and 40W. And the working temperature is 32-104°F.

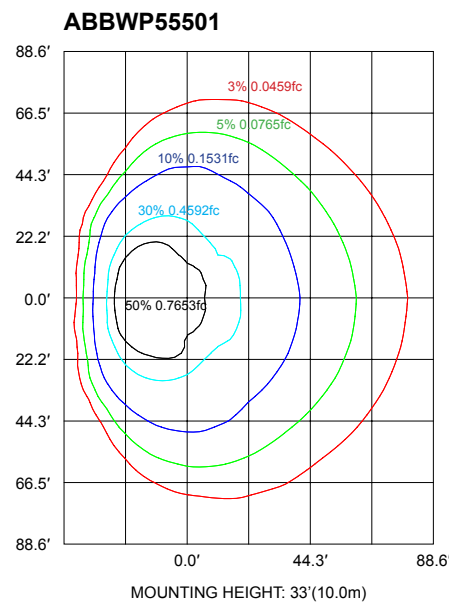
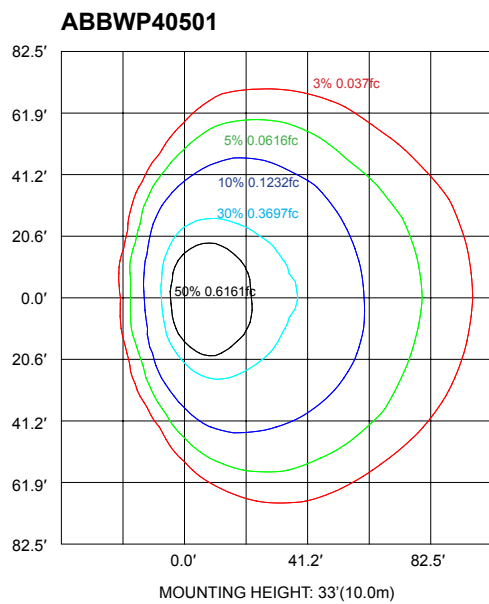
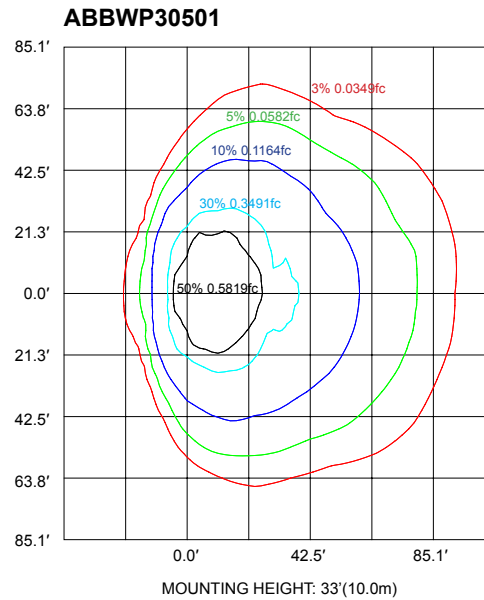
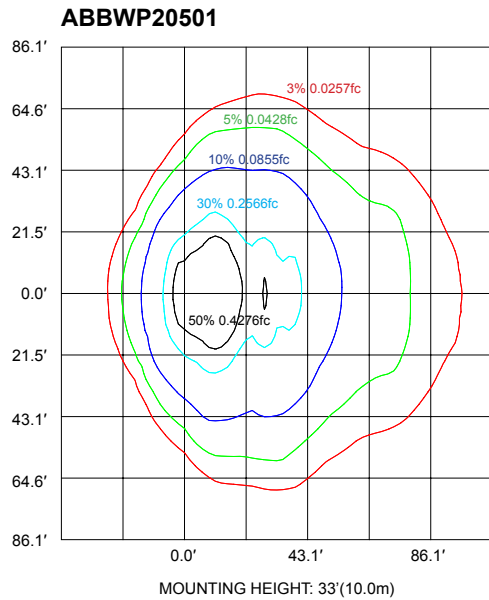
* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

Traditional Standard Wall Pack

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





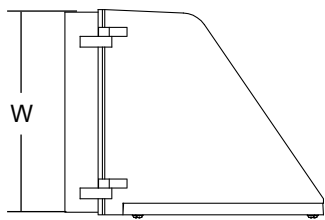
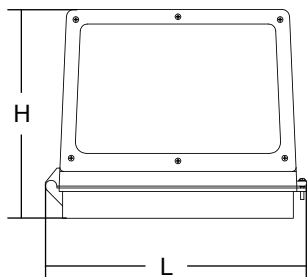
■ FEATURES

1. DLC Premium listed
2. Uniform color consistency
3. Heavy duty IP65-rated housing
4. Superior Longevity
5. Durable housing
6. No heavy metals or harmful gas
7. Universal voltage
8. Optional photo control, motion sensor and emergency battery backup.

■ Performance

Input Watts (LM-79 Reported)	19	29	35	49
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@4000K)	2061	3440	4203	6263
Replaces (MH)	125W	150W	175W	250W
Lumen Per Watt	107	120	119	129
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



20W, 30W & 38W

Length: 14.4"
 Width: 9"
 Height: 11.4"
 Max. Weight: 9 lbs

52W

Length: 18"
 Width: 9.5"
 Height: 13.5"
 Max. Weight: 15.4 lbs

■ Ordering Information

Example: ABWP40LED50DS-MSW

ABOVE ALL	Wall Pack	Watts	Source type	CCT	Distribution	Controls
AB	WP	20 - 20 Watts	LED	30 - 3000K ¹	DS - Full Cut off	MSW - Microwave Motion Sensor
		30 - 30 Watts		40 - 4000K		PC12 - Photo Control 120V
		40 - 38 Watts		50 - 5000K		PC27 - Photo Control 277V
		60 - 52 Watts				EBU6 - 6W Emergency battery Backup ²
						Leave blank for no controls

Notice:

1. DLC Premium is unavailable in 3000K.
 2. EBU solution is only available in 20W, 30W and 38W. And the working temperature is 32-104°F.
 3. Special Order as other finish color - Ask Customer Service for Details.
- * Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

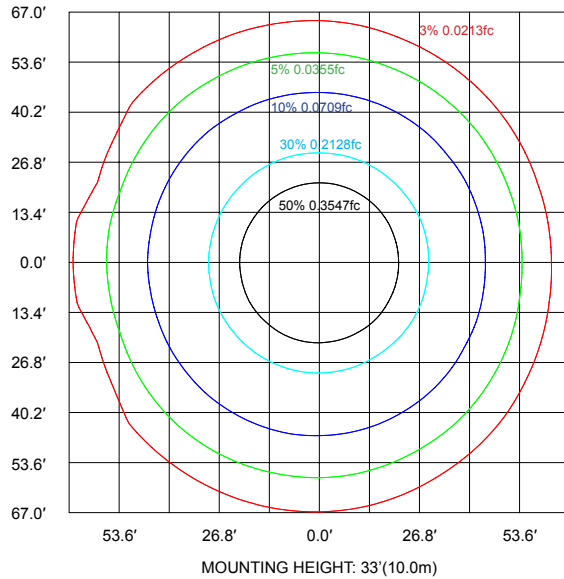
Traditional Full Cutoff Wall Pack

■ Photometry

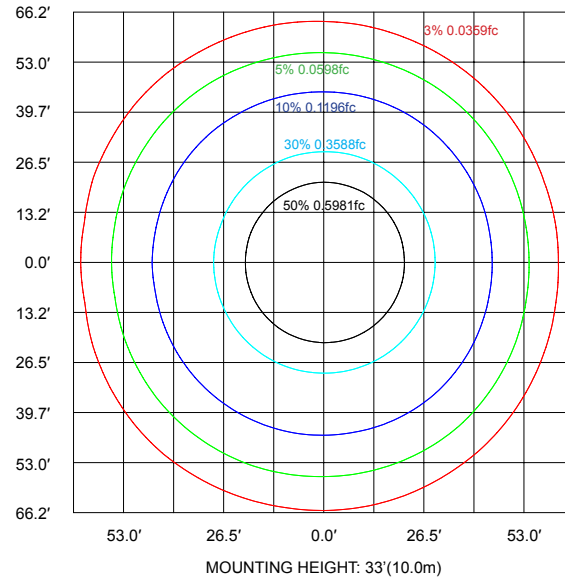
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1

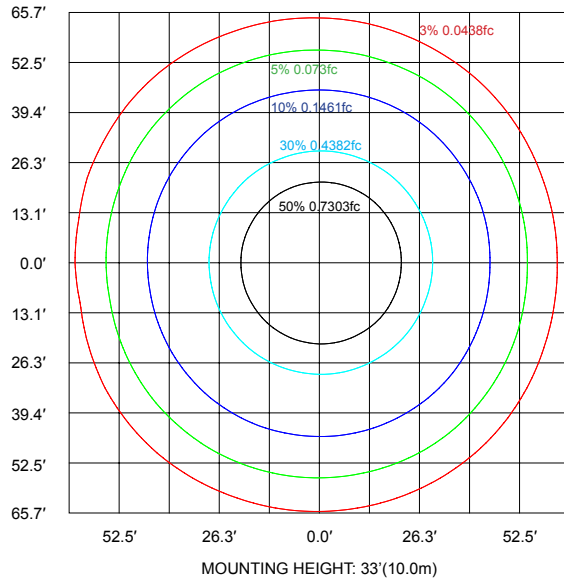
ABWP20LED50DS



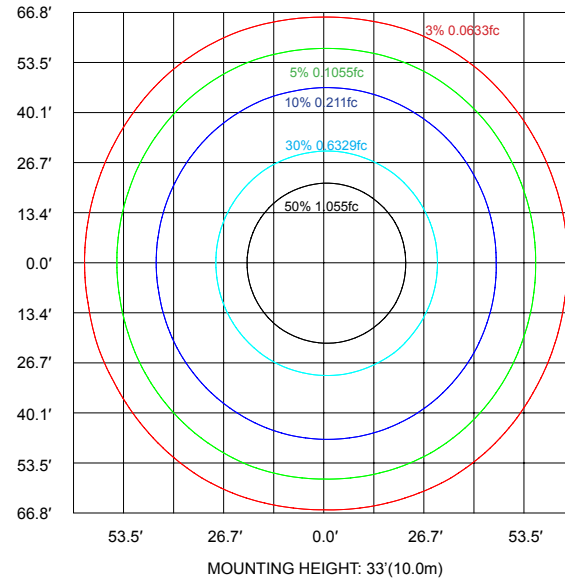
ABWP30LED40DS



ABWP40LED40DS



ABWP60LED40DS



Note: Please visit our website for more details.





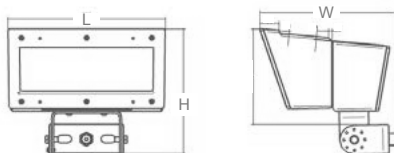
■ FEATURES

1. Adjustable mounting options allow for precise aiming
2. DLC Premium listed
3. Designed to replace 150-400W MH luminaires while saving up to 88% in energy costs
4. Architectural design
5. Heavy duty construction and IP65 rated
6. Different flood mounting accessories
7. Maintenance free

■ Performance

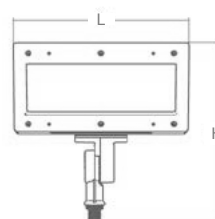
Input Watts (LM-79 Reported)	25	41	52	80	100	120W
Input Voltage	120-277	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3061	5100	6643	9619	12014	14185
Replaces (MH)	150W	175W	250W	320W	400W	400W
Lumen Per Watt	123	126	128	121	119	117
Color Accuracy (CRI)	>70	>70	>70	>70	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0	B1-U1-G1	B2-U1-G1	B2-U1-G2	B3-U2-G1
EPA	26W/38W/52W EPA= 0.69 max (depending on mounting type)			80W/100W/120W EPA=0.9 max (depending on mounting type)		
Working Temperature	-40-104°F (-40-40°C)			-40-104°F (-40-40°C)		
IP Rating	IP65 rated			IP65 rated		

■ Dimensions & Weight



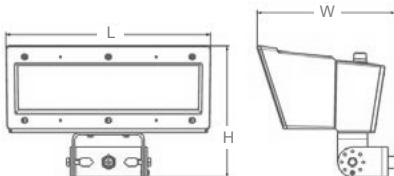
26W, 38W, 52W Trunnion

Length: 10.63"(270mm)
 Width: 9.17"(233mm)
 Height: 8.47"(215mm)
 Max. Weight: 12.5 lbs



26W, 38W, 52W Knuckle

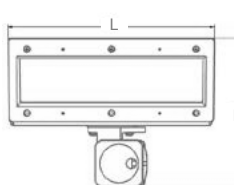
Length: 10.63"(270mm)
 Width: 8.85"(225mm)
 Height: 10.35"(263mm)
 Max. Weight: 14 lbs



80W, 100W & 120W

Trunnion

Length: 13.46"(342mm)
 Width: 9.09"(231mm)
 Height: 8.47"(215mm)
 Max. Weight: 16.1 lbs



80W, 100W & 120W Slip

Fitter

Length: 13.46"(342mm)
 Width: 8.39"(210mm)
 Height: 9.69"(246mm)
 Max. Weight: 17.3 lbs

■ Installation

OPTION 1: TRUNNION



OPTION 2: 1/2" X 14 NPS KNUCKLE MOUNTING

Knuckle only for 26W, 38W, & 52W



OPTION 3: SLIP FITTER

2-3/8" slip fitter is commonly used to 80W, 100W & 120W. Optional for 26W, 38W and 52W.



V-Line Flood Light

■ Ordering Information

Example: FL26504-PC-TR

Flood Light	Watts	CCT	Voltage	Controls	Installation
FL	26 - 26 Watts	30 - 3000K ¹	1 - 120-277V	PC - Photo Control ³	SF - Slip Fitter ⁴
	38 - 38 Watts	40- 4000K	4 - 120V		TR - Trunnion
	52 - 52 Watts	50 - 5000K	5 - 277V		KN - Knuckle ⁵
	70 - 80 Watts		6 - 347V/ 480V ²		
	100 - 100 Watts				
	120 - 120 Watts				

Notice:

- 3000K DLC Premium only qualified with 26W, 38W and 52W.
- 347V/480V input is unavailable in 26W and 38W.
- PC is only for 120V or 277V. Without PC, please choose 120-277V.
- 2-3/8" slip fitter is commonly used to 80W, 100W and 120W. Optional for 26W, 38W and 52W.
- 1/2" knuckle is only for 26W, 38W, and 52W.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Accessories Information (Order Separately)



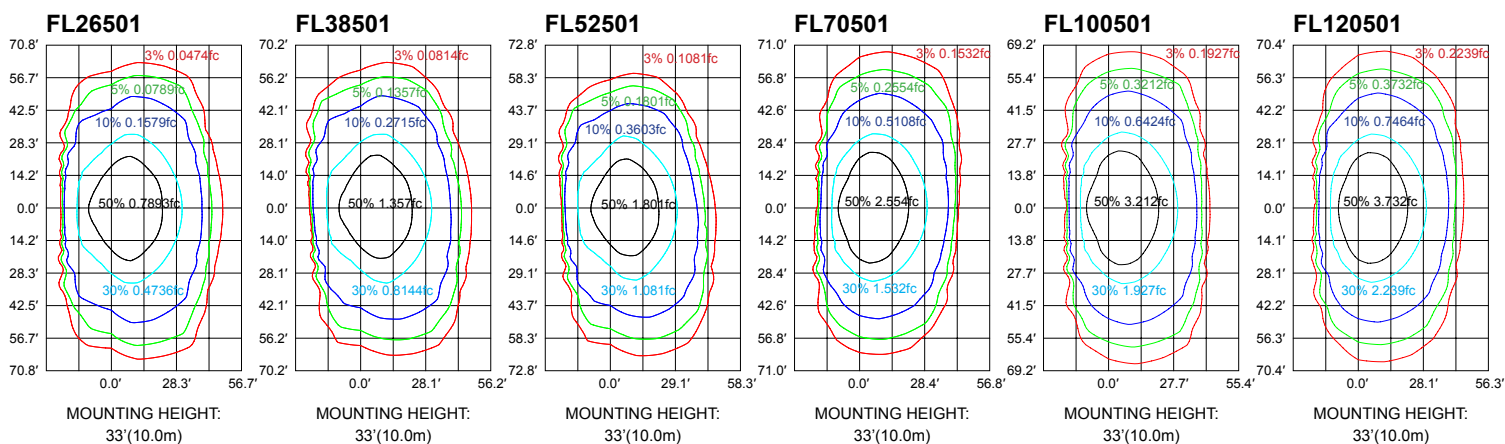
Glare shield-S1 3.5"Height, Suitable for V-line flood light 26W/38W/52W

Glare shield-L1 3.5"Height, Suitable for V-line flood light 80W/100W/120W

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





■ FEATURES

1. DLC Premium listed
2. Versatile design
3. Designed to replace 70-100W MH luminaires while saving up to 88% in energy costs
4. Ideal for outdoor applications such as building perimeters, loading areas, driveway, signs and building flood lighting
5. Modern Yet Classic Design

■ Performance

Input Watts (LM-79 Reported)	14	20
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1626	2275
Replaces (MH)	70W	100W
Lumen Per Watt	115	114
Color Accuracy (CRI)	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ Installation

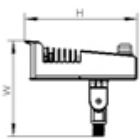


Flood Light, Knuckle



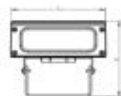
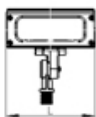
Flood Light, Trunnion

■ Dimensions



15W&20W Knuckle

Length: 7.2"
Width: 6.2"
Height: 2.44"



15W&20W Trunnion

Length: 7.2"
Width: 5.2"
Height: 2.44"



Leopard Series Mini Flood Light

■ Ordering Information

Example: MFW15504-PC-KN

Mini Flood and Wall Light	Watts	CCT	Voltage	Controls	Installation
MFW	15 - 15 Watts	30 - 3000K	1 - 120-277V	PC - Photo Control ²	KN - Knuckle
	20 - 20 Watts	40 - 4000K	4 - 120V	(only 120V or 277V)	TR - Trunnion
		50 - 5000K ¹	5 - 277V		

Notice:

1. Only 5000K is qualified with DLC Premium.

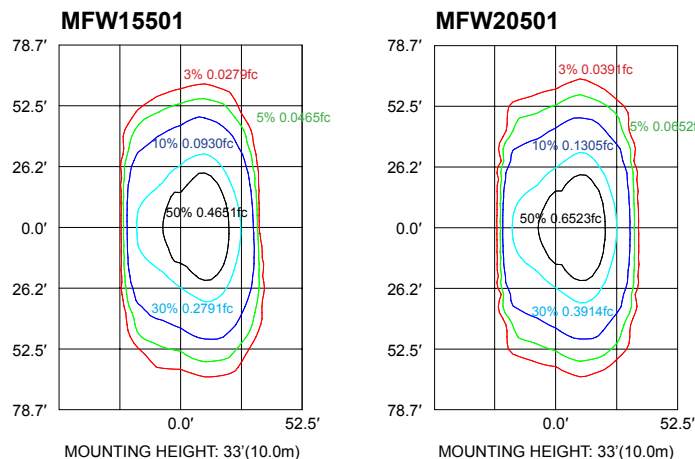
2. PC is only for 120V or 277V. Without PC, please choose 120-277V.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





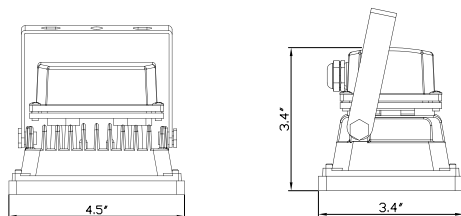
■ FEATURES

1. Crisp white light
2. Uniform color consistency
3. High thermal transfer rate
4. Durable housing
5. No heavy metals or harmful gas
6. Universal voltage
7. Easy mounting
8. Optional photo control and motion sensor

■ Performance

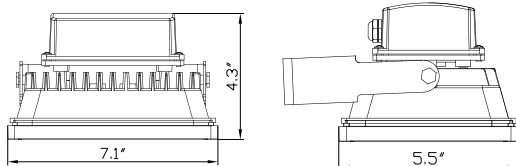
Input Watts (LM-79 Reported)	14	24	43
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	1400	2400	4300
Replaces (MH)	70W	100W	175W
Lumen Per Watt	100	100	100
Color Accuracy (CRI)	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



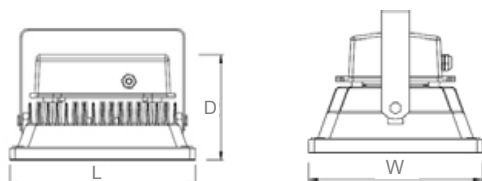
ABBFL15LED50

Depth: 3.4"
Width: 4.5"
Length: 3.4"
Max. Weight: 2.5 lbs



ABBFL25LED50

Depth: 4.3 "
Width: 7.1"
Length: 5.5"
Max. Weight: 4 lbs



ABBFL45LED50

Depth: 5"
Width: 7.5"
Length: 9"
Max. Weight: 6.5 lbs

Mini Flood Light With 110° Beam Angle

■ Ordering Information Example: ABBFL45LED50

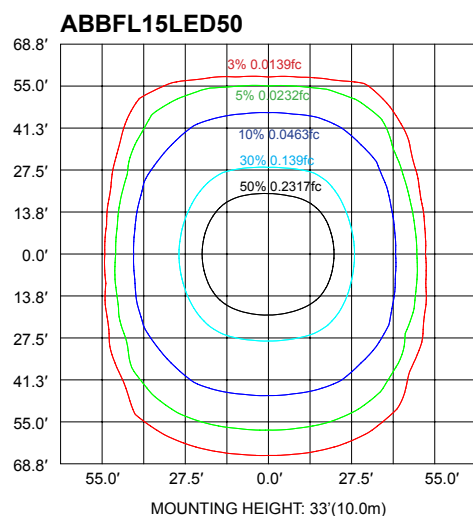
ABOVE ALL	Flood Light	Watts	Source type	CCT
ABB	FL	15 - 14 Watts	LED	30 - 3000K
		25 - 24 Watts		40 - 4000K
		45 - 42 Watts		50 - 5000K ¹

Notice:

1. DLC listed only with 5000K at present.

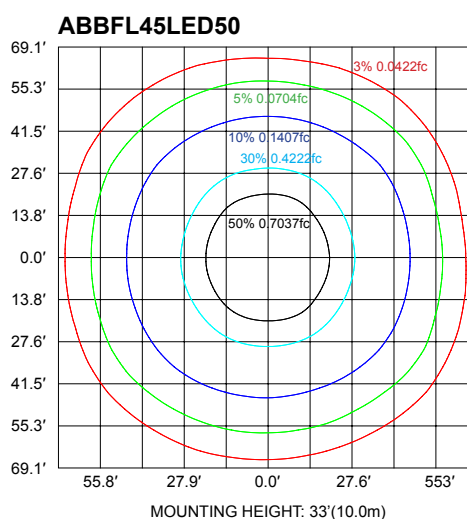
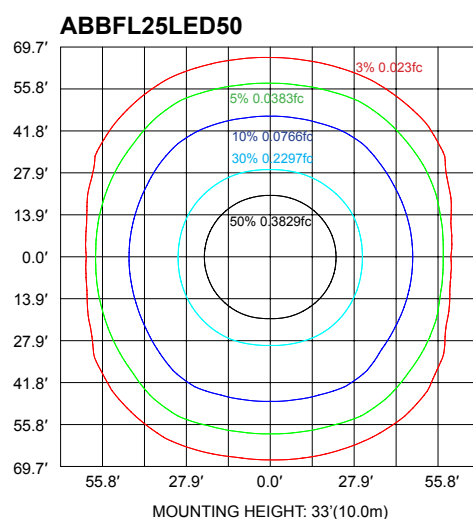
* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry



All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





■ FEATURES

1. Heat dissipation designed with aerodynamic Airflow
3. Air cooled, 104°F ambient rated
4. Unique high quality die cast housing exclusive to ABOVE ALL
5. Fashionable with a Modern appearance yet with an exquisite structure
6. Optional mounting for indoor/outdoor applications

■ Performance

Input Watts (LM-79 Reported)	104	160	197
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	12480	18868	21046
Replaces (MH)	400W	600W	800W
Lumen Per Watt	120	118	107
Color Accuracy (CRI)	>70	>70	>70
Bug Rating	MT100501-III B3-U0-G2	MT150501-III B3-U0-G2	MT200501-III B3-U0-G2
	MT100501-VW B3-U0-G2	MT150501-VW B4-U0-G2	MT200501-VW B4-U0-G2
EPA	100W/150W/200W EPA=1.46 max (depending on mounting type)		
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated

■ Installation

OPTION 1: POLE INSTALLATION



Round pole



Square pole

OPTION 2: UNIVERSAL SLIP FITTER INSTALLATION

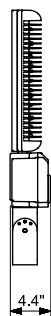
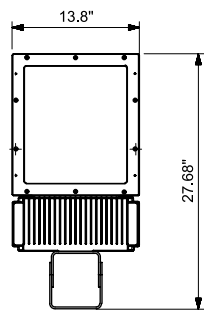


OPTION 3: FLOOD LIGHT TRUNNION /YOKE INSTALLATION



MT Universal Light

■ Dimensions & Weight



100W, 150W, 200W

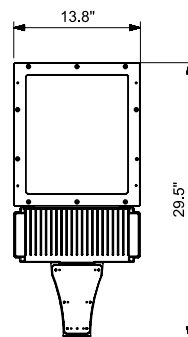
Trunnion

Length: 27.68"

Width: 13.8"

Height: 4.4"

Max Weight: 11.6kg/25.6lbs



100W, 150W, 200W

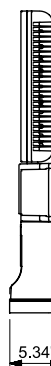
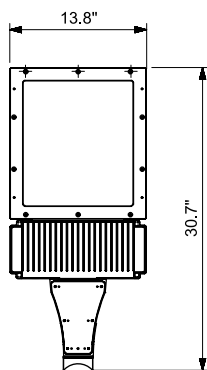
Square Arm

Length: 29.5"

Width: 13.8"

Height: 5.34"

Max Weight: 11.6kg/25.6lbs



100W, 150W, 200W

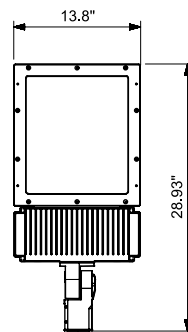
Round Extended Arm

Length: 30.7"

Width: 13.8"

Height: 5.34"

Max Weight: 11.6kg/25.6lbs



100W, 150W, 200W

Slip Fitter

Length: 28.93"

Width: 13.8"

Height: 4.4"

Max Weight: 11.6kg/25.6lbs

■ Ordering Information

Example: MT150501-PC-TR-VW

MT	Watts	CCT	Voltage	Controls	Installation	Distribution	Finish
MT	100 - 100 Watts	30 - 3000K	1 - 120-277V	Blank - None	SF - Slip Fitter	III - Type III	Blank - Dark
	150 - 150 Watts	40 - 4000K	2 - 347V	MS-L7B - Motion Sensor with	TR - Trunnion	VW - Type V Wide	Bronze
	200 - 200 Watts	50 - 5000K	3 - 480V	Black L7 Lens	AR - Square Arm ²	VN - Type V	AL - Aluminum
			6 - 347V/480V	MS-L7W - Motion Sensor with		Narrow	Silver
				White L7 Lens		VM - Type V Middle	
				PC - Photoelectric Control		IV - Type IV	
				7P - 7 Pin PE Receptacle ¹			

Notice:

1. Shorting cap included.

2. If for round arm a round pole adapter need to be bought separately.

■ Accessories Information (Order Separately)



MT-Round Pole Adapter

1.22" arm mount adapter for round pole,
suitable for MT line 100W, 150W and 200W



MT-HSS

House-side shield for 100W, 150W, 200W MT



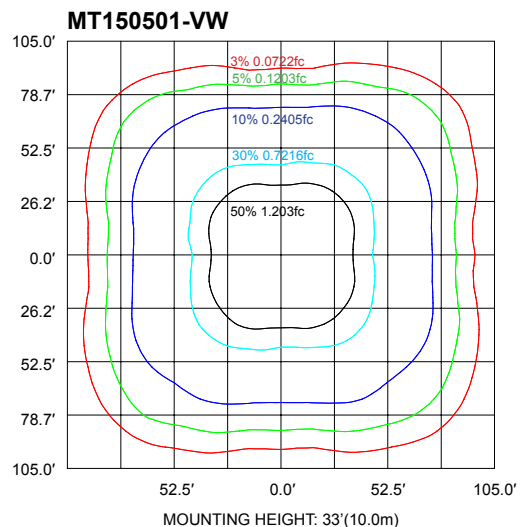
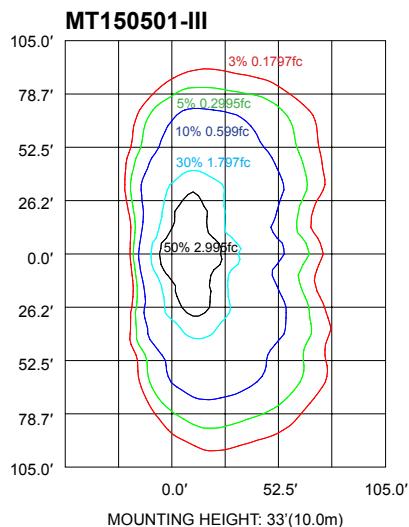
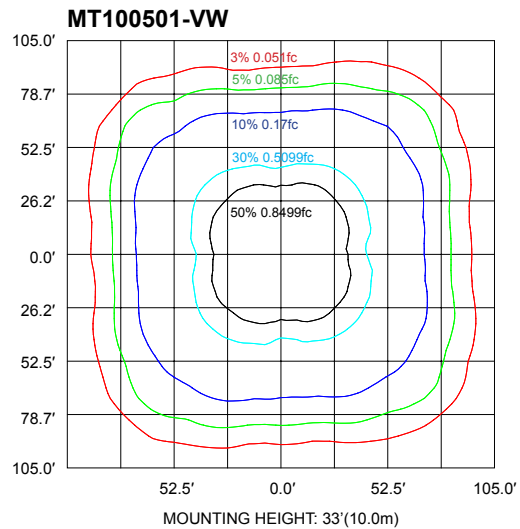
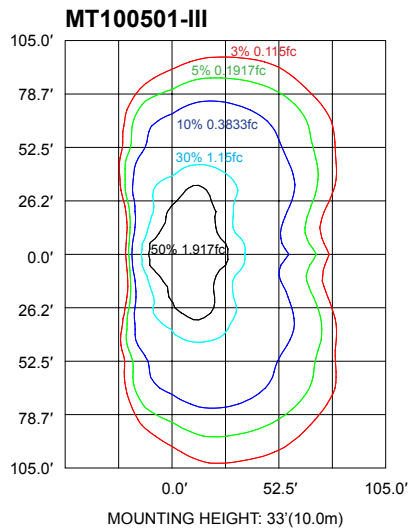
MT-HRS

House-rear shield for 100W, 150W, 200W MT

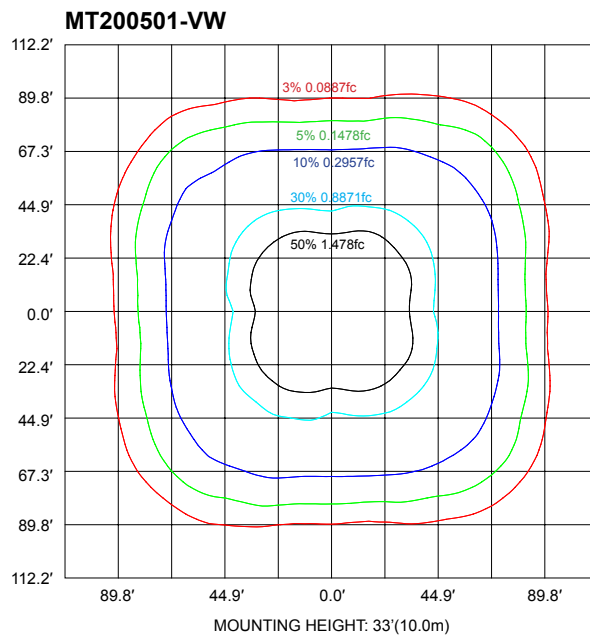
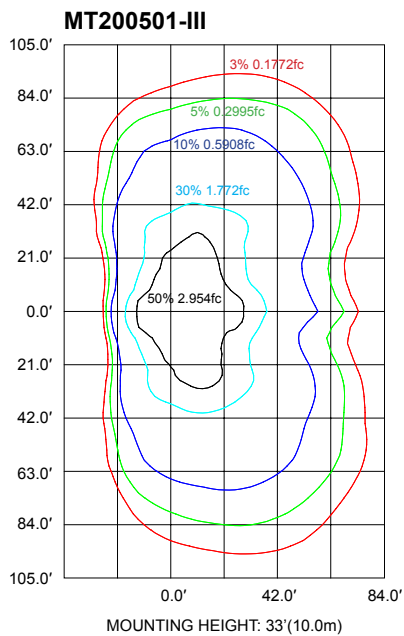
■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



MT Universal Light



DLC Premium is only for 100W 5000K in all distributions and 150W 5000K in type V. The others are DLC standard.

Note: Please visit our website for more details.





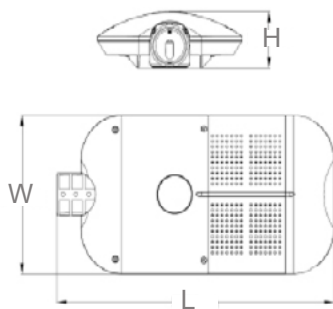
■ FEATURES

1. Optional lens with Type II and Type III for the highway with 2 lanes and even wider.
2. Multiple pole adapter for option.
3. Self-clean ability, free from ponding and dust.
4. Excellent heat radiation technique.

■ Performance

Input Watts (LM-79 Reported)	81	122	159
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	9824	14888	19154
Replaces (HID)	150-200W	250-300W	320-400W
Lumen Per Watt	122	112	120
Color Accuracy (CRI)	>70	>70	>70
Working Temperature	-40°F-104°F(-40°C-40°C)	-40°F-104°F(-40°C-40°C)	-40°F-104°F(-40°C-40°C)
IP & IK Rating	IP66 & IK10	IP66 & IK10	IP66 & IK10

■ Dimensions & Weight



80W

Length: 22.7"
 Width: 11.8"
 Height: 4.2"
 Max. Weight: 18.5 lbs

120W

Length: 25.9"
 Width: 11.8"
 Height: 4.2"
 Max. Weight: 21 lbs

160W

Length: 29.1"
 Width: 11.8"
 Height: 4.2"
 Max. Weight: 23.4 lbs

■ Ordering Information

Example: ABBRW160LED50III

ABOVE ALL	Roadway Light	Watts	Source type	CCT	Distribution	Controls
ABB	RW	80 - 80 Watts	LED	30 - 3000K	II - type II	Blank - No Controls
		110 - 120 Watts		40 - 4000K	III - type III	PC - Photo Control 120V
		160 - 160 Watts		50 - 5000K	MS - Multi-level Motion Sensor	

Notice:

* Standard Finish as White/ Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

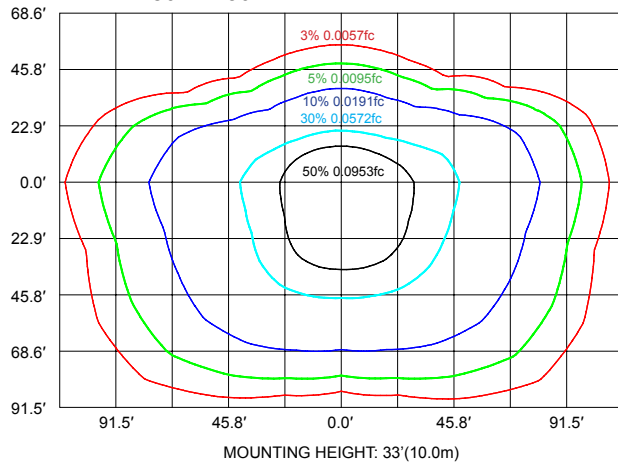
Roadway Light

■ Photometry

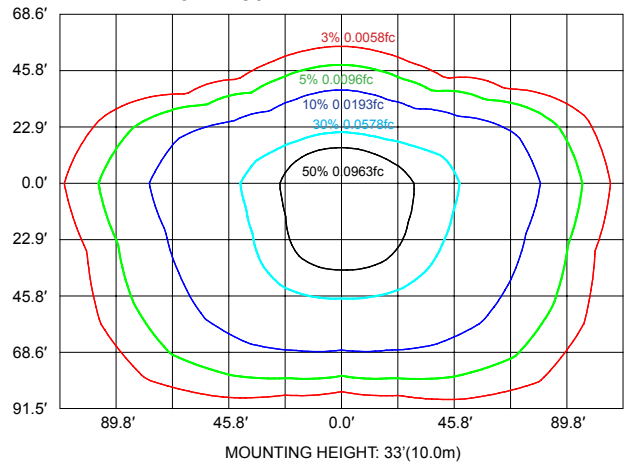
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1

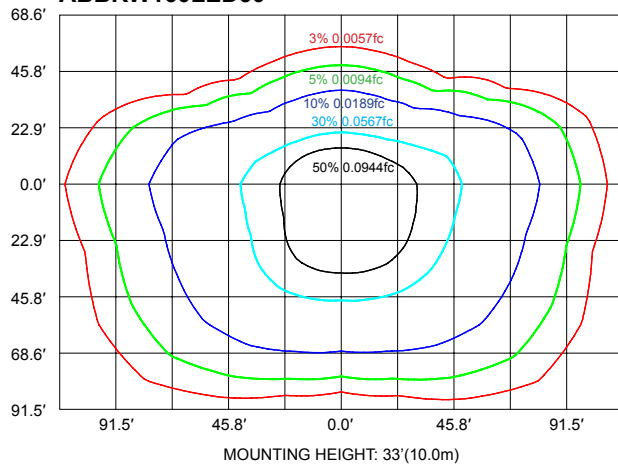
ABBRW80LED50



ABBRW110LED50



ABBRW160LED50



Note: Please visit our website for more details.



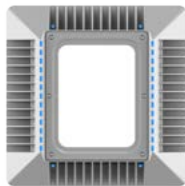


■ FEATURES

1. Surface or pendant mount
2. Applications include: Gas station canopy, low bay application, truck stops and drive through at banks and restaurants
3. Uniform color consistency
4. Slim low profile design
5. Easy mounting and virtually service free



Slim design less than 2"



Patented air cooling design weep holes: solving the problems of water on the back of the fixture and better heat dissipation



Surface/ pendant mount

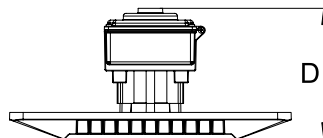
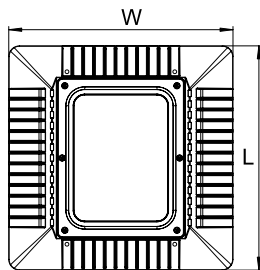


Separated driver box :
A better thermal design

■ Performance

Input Watts (LM-79 Reported)	64	95	120
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	9403	13677	17780
Replaces (MH)	250W	400W	400-600W
Lumen Per Watt	147	143	148
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



Including Driver

Depth: 7.68"
Width: 16.38"
Length: 18.98"

Excluding driver

Depth: 1.58"
Width: 16.38"
Length: 18.98"

Max. Weight: 13.5lbs

Pad Canopy

■ Ordering Information

Example: PDG120501-MS

PAD Design	Watts	CCT	Voltage
PDG	65 - 65 Watts	30 - 3000K ¹	1 - 120-277 V
	100 - 100 Watts	40 - 4000K	6 - 347/480V
	120 - 120 Watts	45 - 4500K	
		50 - 5000K	

Notice:

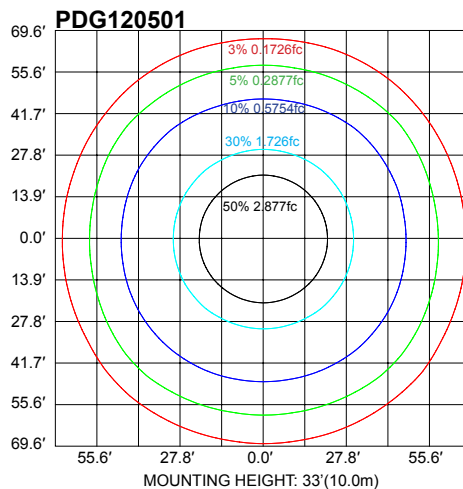
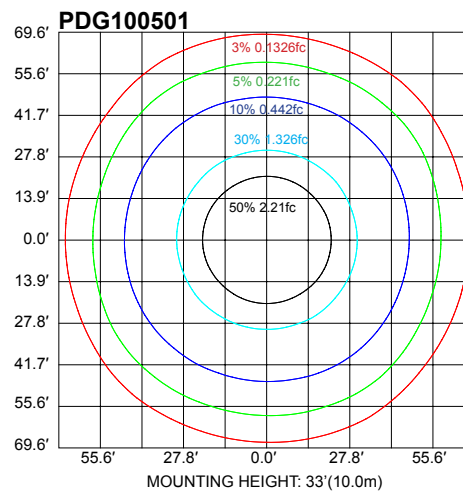
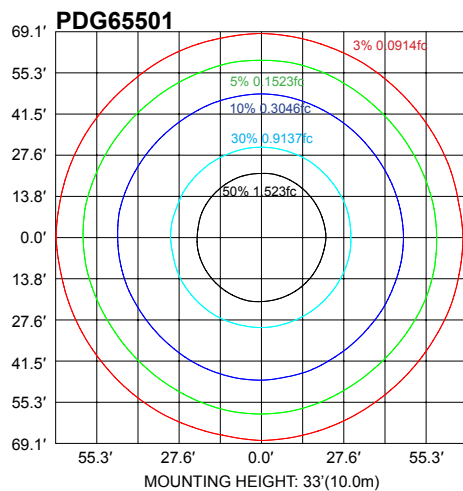
1. 3000K DLC Premium is unavailable

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





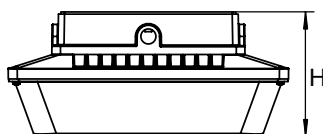
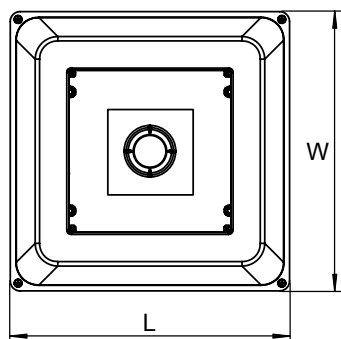
■ FEATURES

1. DLC Premium Listed
2. Patented Air Cooling Design
3. IP65 Rated Enclosure
4. Surface or Pendant Mounting
5. Superior Low-glare Illumination
6. Programmable Multi-level Motion Sensor
7. Impact Resistant Prismatic Lens
8. Performance up to 136 LPW

■ Performance

Input Watts (LM-79 Reported)	34	68
Input Voltage	120-277	120-277
Output Lumens (@5000K)	4533	9214
Replaces (MH)	175W	320W
Lumen Per Watt	133	136
Color Accuracy (CRI)	>80	>80
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ Dimensions & Weight



Length: 12"
 Width: 12"
 Height: 3.7"
 Max. Weight: 10.12 lbs

■ Ordering Information

Example: LSPKG35501P-MS-L2B

LS Parking Garage Series	Watts	CCT	Voltage	Series	Controls	MS LENS
LSPKG	35 - 35 Watts	30 - 3000K	1 - 120-277V	P - DLC	MS - Multi-level Motion Sensor²	L2B - L2 Lens Black⁴
	65 - 65 Watts	40 - 4000K	6 - 347/480V¹	Premium	EBU - Emergency Battery Backup³	L7B - L7 Lens Black⁵
		50 - 5000K				

Notice:

1. DLC Premium is unavailable in high voltage version. And, no high voltage solution for 35W.
2. No motion sensor option for 347/480V input fixture
3. In the event of a power failure, the battery backup units switch to emergency mode (950 lumen output) and operates the fixture for a minimum of 90 minutes. And, the working temperature is 32-104°F
4. Default setting for 35W. Please contact customer service for more options
5. Default setting for 65W. Please contact customer service for more options.

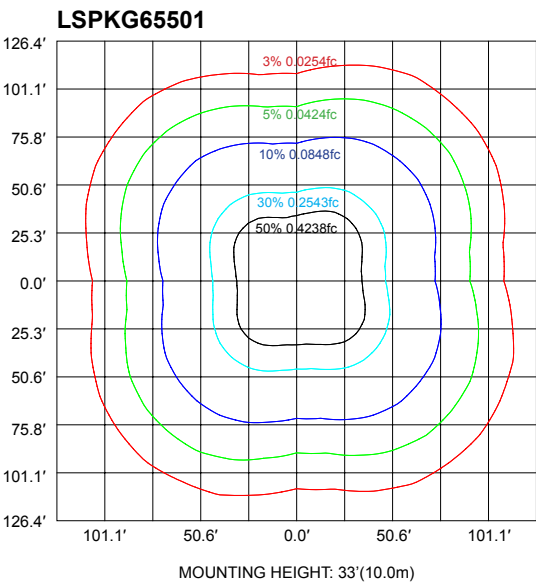
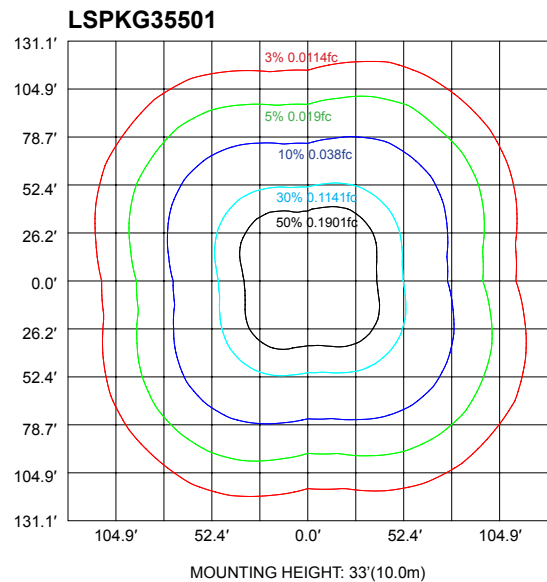
* Standard Finish as White and Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

LS Parking Garage

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





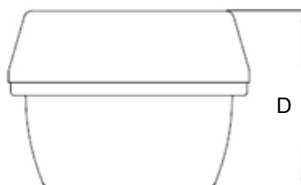
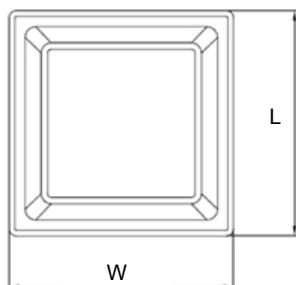
■ FEATURES

1. High-quality lens
2. Energy savings
3. Indoor or outdoor use
4. Uniform color consistency
5. Self-contained LED driver

■ Performance

Input Watts (LM-79 Reported)	37	49	65
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	3590	4732	6160
Replaces (MH)	150W	250W	350W
Lumen Per Watt	98	97	95
Color Accuracy (CRI)	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



Depth: 9.06"
 Width: 12.4"
 Length: 12.4"
 Max. Weight: 7.7 lbs

■ Ordering Information

Example: ABPKG40LED50-MS / ABBPKG70501-MS

ABOVE ALL	Parking Garage	Watts	Source Type	CCT	Controls
AB	PKG	40 - 38 Watts	LED	30 - 3000K	PC12 - Photo control 120V
				40 - 4000K	PC27 - Photo control 277V
				50 - 5000K ¹	Leave blank for no controls
ABOVE ALL	Parking Garage	Watts	CCT	Voltage	Controls
ABB	PKG	55 - 52 Watts	30 - 3000K	1 - 120-277 V	PC12 - Photo control 120V
		70 - 70 Watts	40 - 4000K		PC27 - Photo control 277V
			50 - 5000K ¹		Leave blank for no controls

Notice:

1. Only 5000K is qualified with DLC.

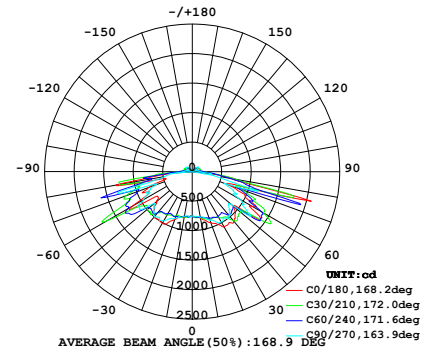
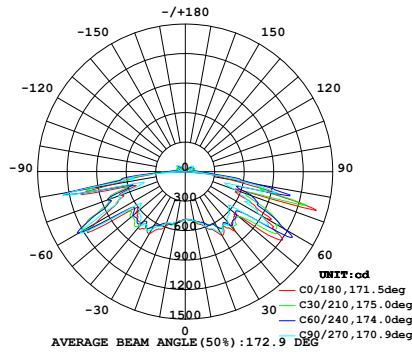
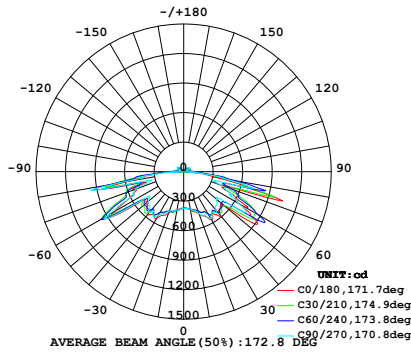
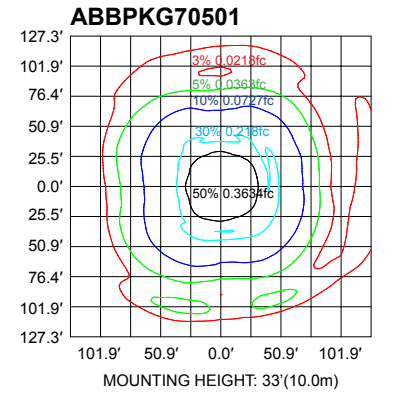
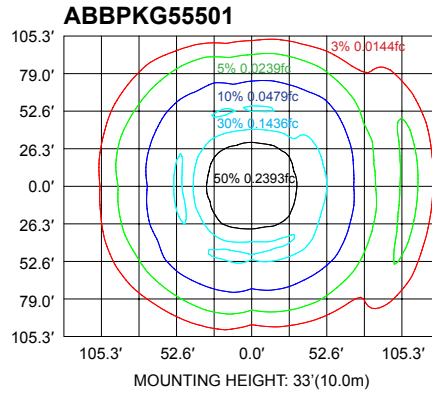
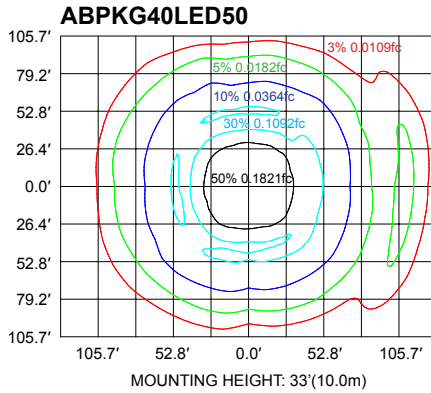
* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

Parking Garage Light

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





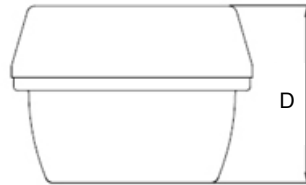
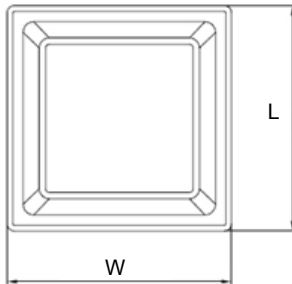
■ FEATURES

1. High-quality lens
2. Energy savings
3. Indoor or outdoor use
4. Uniform color consistency
5. Self-contained LED driver

■ Performance

Input Watts (LM-79 Reported)	21	35	49	66
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	2732	4092	4849	6302
Replaces (MH)	100W	150W	175W	250W
Lumen Per Watt	129	118	99	96
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



20W

Depth: 8.85"
 Width: 8.85"
 Length: 7.28"
 Max. Weight: 3.8 lbs

38W, 52W, 70W

Depth: 9.06"
 Width: 12.4"
 Length: 12.4"
 Max. Weight: 8.6 lbs

■ Ordering Information

Example: ABBCAN40501

ABOVE ALL	CANOPY	Watts	CCT	Voltage
ABB	CAN	20 - 20 Watts ¹	30 - 3000K ²	1 - 120-277 V
		40 - 38 Watts	40 - 4000K ³	
		55 - 52 Watts	50 - 5000K ⁴	
		70 - 70 Watts		

Notice:

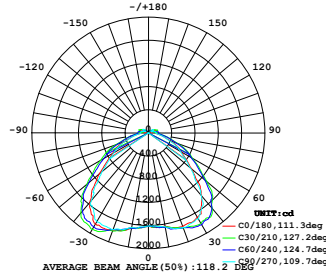
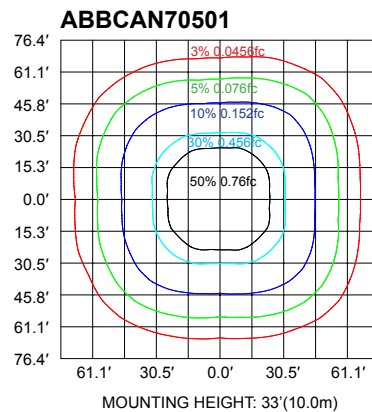
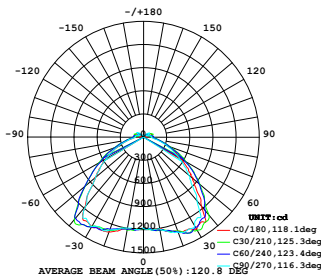
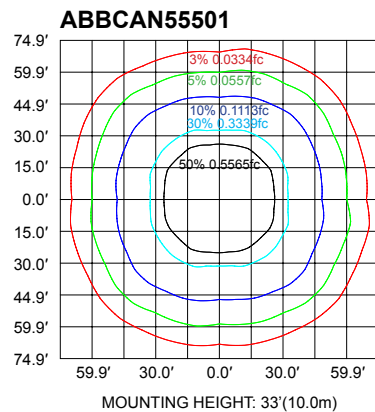
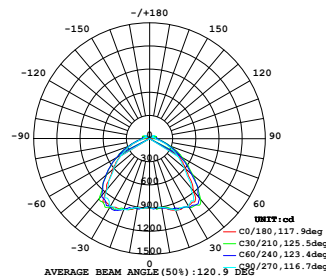
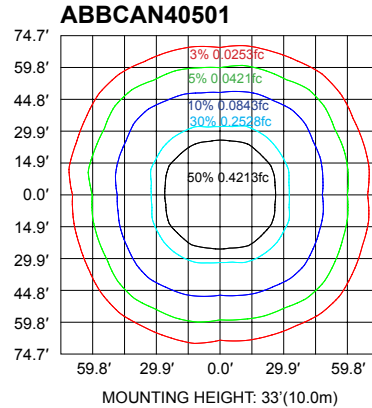
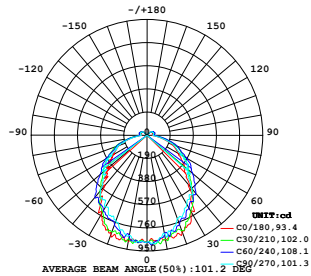
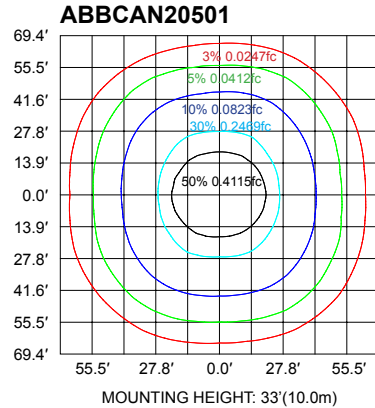
1. 20 watts version is non-dimmable.
2. Only 20W 3000K qualified with DLC Premium.
3. Only 20W and 38W 4000K is qualified with DLC Premium.
4. 20W 5000K is DLC Premium listed. 38W, 52W and 70W are DLC standard listed.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





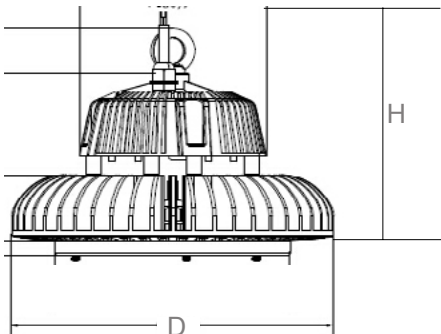
■ FEATURES

1. Excellent thermal management in one-piece structure by cold-forging technology
2. Optional beam angle with reflector in beam angle 60,70, 90,120 degree
3. Low maintenance
4. Optional motion sensor
5. 4000K available
6. 347/480V available

■ Performance

Input Watts	100	150	200	240
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	12500	18750	25000	30000
Replaces (MH)	400W	600W	800W	1000W
Lumen Per Watt	125	125	125	125
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ Dimensions & Weight



100W & 150W

Φ10.23"X7.08"

(Φ260*183mm)

Max. Weight: 11.24 lbs

200W

Φ11.48"X8.19"

(Φ290*208mm)

Max. Weight: 12.79 lbs

240W

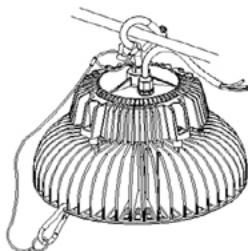
Φ11.48"X8.58"

(Φ290*218mm)

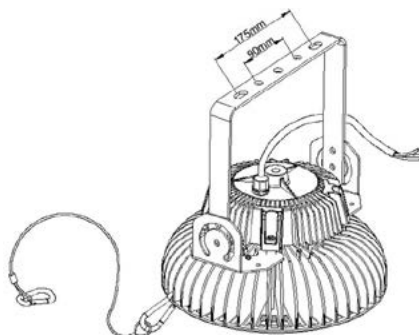
Max. Weight: 14.11 lbs

■ Installation

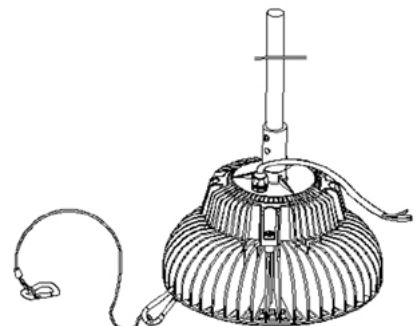
1. CEILING WITH HOOK



2. WALL MOUNTING



3. PENDANT MOUNTING



UFO High Bay

■ Accessories Information (Order Separately)



AB-AL-60D

60 degree aluminium
reflector



AB-PC-70D

70 degree PC reflector



AB-AL-90D

90 degree aluminium
reflector



AB-PC-DGS

PC Drop glare shield



AB-PC-CGS

PC Clear conical glare
shield



AB-AL-GS

Glare shield

■ Ordering Information

Example: URHB100LED501

UFO Round High Bay	Watts	Source type	CCT	Voltage	Controls	Installation	Distribution	Options
URHB	100 - 100	LED	30 - 3000K	1 - 120-277VAC	Blank - No	Blank-Hook	Blank-120° ³	Blank - None
	Watts		40 - 4000K	6 - 347/480V	Controls	with Safety	Shipped	PCL-Polycarbonate Clear Lens
	150 - 150		50 - 5000K		MSW -	Chain	Separately ⁴	PFL-Polycarbonate Frosted lens
	Watts				Microwave Motion	TR - Trunnion	60 - 60°	Shipped Separately ⁴
	200 - 200				Sensor ²	P - Pendent ⁵	70 - 70°	GS - Glare Shield
	Watts						90 - 90°	CGS - Clear Conical Glare Shield
	240 - 240							DGS - Drop Glare Shield
	Watts							WGAL-Wire Guard ⁶

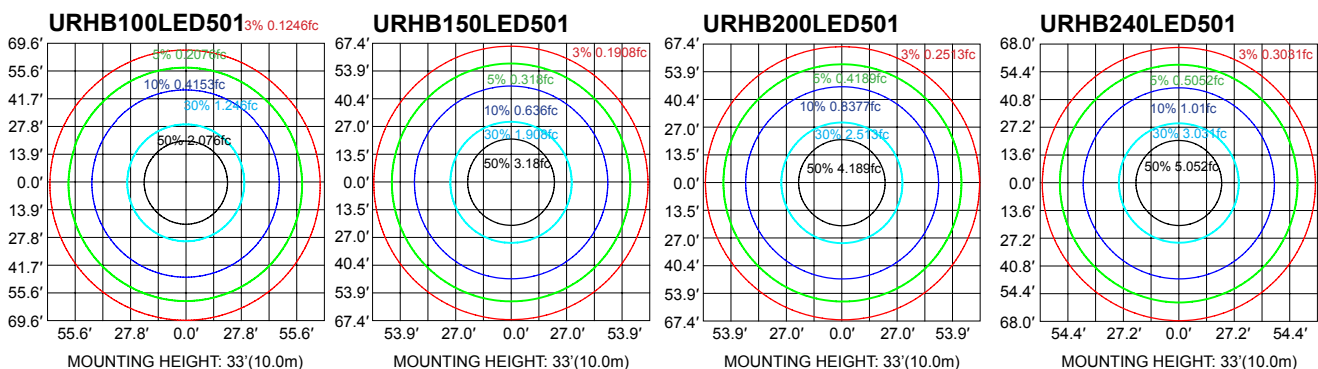
Notice:

1. DLC Listed only with 4000K and 5000K at present.
2. No UL and DLC for motion sensor version. The motion sensor solution is only for 120-277V.
3. Standard distribution is 120° without any reflector. If for 60°/70°/90° need to match with different reflectors. For details please kindly check the accessories table.
4. Also available as accessories. For details please kindly check the accessories table.
5. 3/4" pendent mount adaptor.
6. It is suitable for 60 degree and 90 degree aluminium reflectors.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





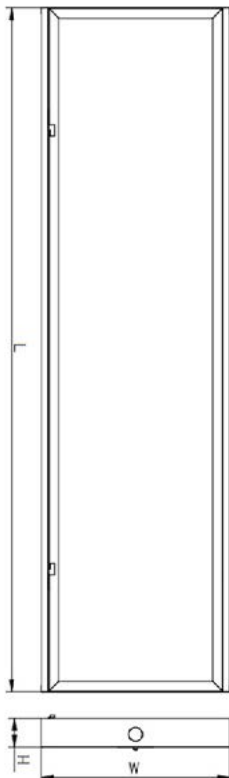
■ FEATURES

1. DLC Premium qualified
2. Multi-level motion sensor obtain more energy savings
3. High quality housing and high efficacy PCB with dual copper cladding for thermal dissipation
4. Door frame with lens and wire guard available

■ Performance

Input Watts (LM-79 Reported)	119	151	182
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	16489	20607	25290
Replaces (FL)	6 Lamp - 32W T8	4 Lamp - 54W T5	8 Lamp - 32W T8
Lumen Per Watt	138	136	139
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions & Weight



120W, 150W

Length: 47.24"

Width: 13.78"

Height: 2"

Max. Weight: 15.21 lbs

185W

Length: 47.24"

Width: 19.7"

Height: 2"

Max. Weight: 20.01 lbs

■ Application



Linear High Bay

Ordering Information

Example: LHB120501MSO-82

Linear High bay	Watts	CCT	Voltage	Controls	Beam Angle
LHB	120 - 120 Watts	35 - 3500K	1 - 120-277 V	MS - Motion Sensor	82 - 82°
	150 - 150 Watts	40 - 4000K	6 - 347/480V	MSO - ON/OFF Motion Sensor	
	185 - 185 Watts	50 - 5000K		EBU - Emergency Battery Backup ¹	

Notice:

1. The working temperature of fixture with EBU is 32-104°F.

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

Accessories Information (Order Separately)



LHB-CLEAR-S (For 120W&150W)

LHB-CLEAR-L (For 185W)

Clear Lens including frame for Linear High Bay



LHB 120V Plug and Cord

120V molded plug and cord for LHB with pipe clamp for strain relief



LHB-FROSTED-S (For 120W&150W)

LHB-FROSTED-L (For 185W)

Frosted Lens including frame for Linear High Bay



LHB 277V Plug and Cord

277V molded plug and cord for LHB with pipe clamp for strain relief



LHB-WG-S (For 120W&150W)

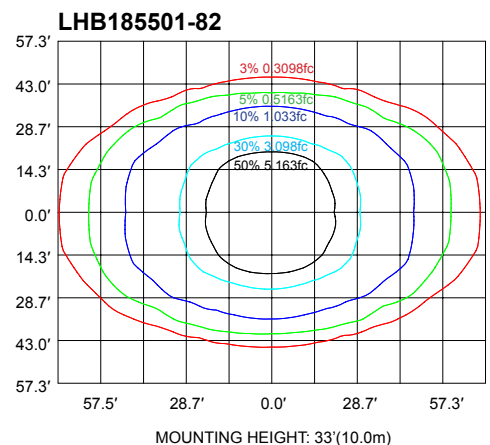
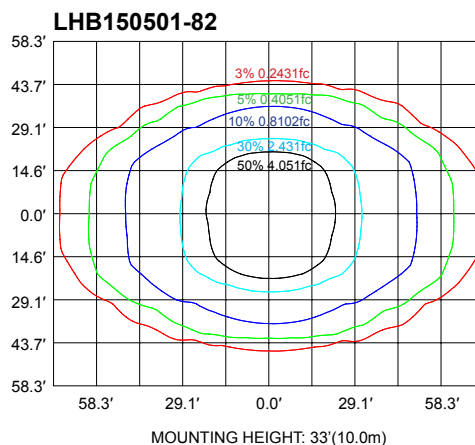
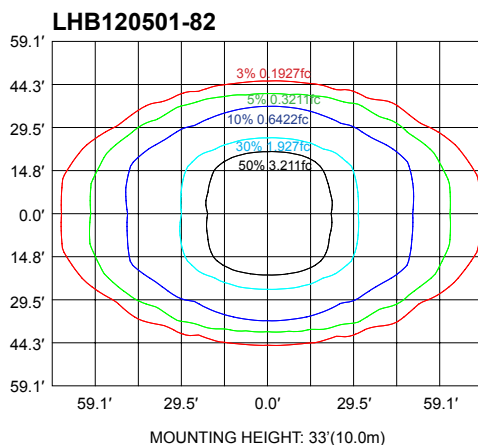
LHB-WG-L (For 185W)

Wire Guard for Linear High Bay

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





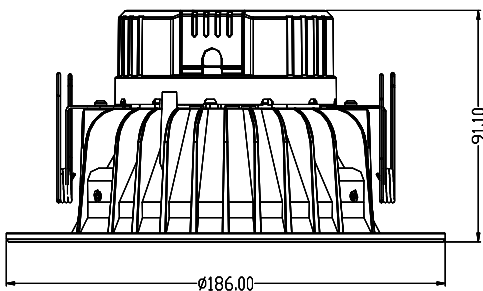
■ FEATURES

1. Deliver uniform color distribution and superior quality lighting compared to most incandescent and CFL fixtures
2. Designed as an energy-efficient lighting solution for remodeling or new construction projects
3. Replacements for existing, less efficient incandescent and compact fluorescent (CFL) light sources commonly used in the recessed down lighting marketplace
4. Reducing maintenance and energy usage costs
5. The downlights produce high quality light, consistent and reliable performance, high efficiency and superior value
6. Triac dimmable
7. Retrofit E26 base and connector are available.
8. Energy Star in process

■ Performance

Input Watts (Based on Energy Star)	15
Input Voltage	120V
Output Lumens (@3000K)	1100
Replaces (Inc)	75W incandescent
Lumen Per Watt	75
Color Accuracy (CRI)	>80
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

■ Dimensions & Weight



Depth: 91.1mm / 3.59"
 Diameter: 186mm / 7.30"
 Max. Weight: 1.1 lbs

■ Application



Commercial Downlight Retrofit Kit 6 inch

■ Ordering Information Example: DL1530-6

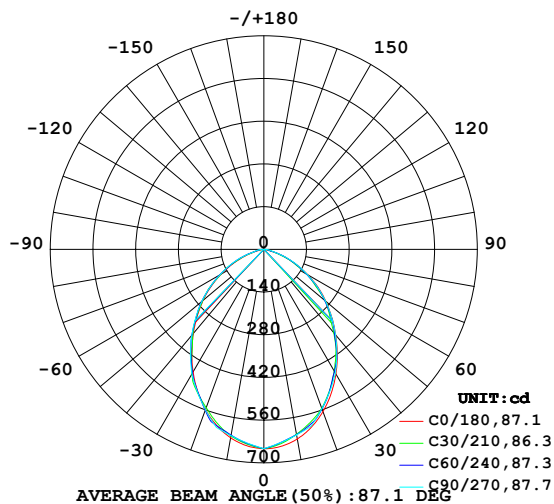
Downlight	Watts	CCT	Dimension
DL	15 - 15 Watts	30 - 3000K	6 - 6"

Notice:

* Standard Finish as White. Special Order as other finish color -Please Ask Customer Service for Details.

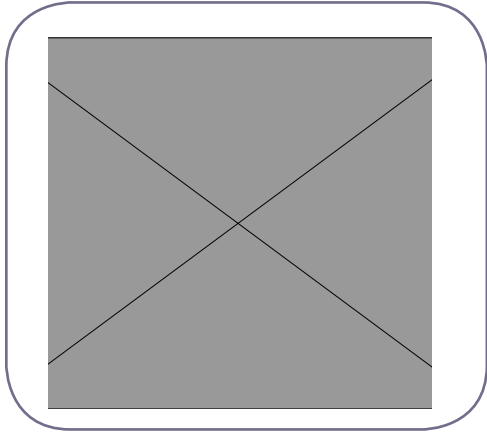
■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





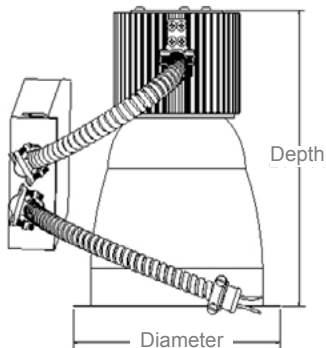
■ FEATURES

1. Deliver uniform color distribution and superior quality lighting compared to most incandescent and CFL fixtures
2. Designed as an energy-efficient lighting solution for remodeling or new construction projects
3. Replacements for existing, less efficient incandescent and compact fluorescent (CFL) light sources commonly used in the recessed down lighting marketplace
4. Reducing maintenance and energy usage costs
5. The downlights produce high quality light, consistent and reliable performance, high efficiency and superior value
6. 1-10V Dimming

■ Performance

Input Watts (Based on Energy Star)	30 (6 inch)	40 (8 inch)
Input Voltage	120-277V	120-277V
Output Lumens (@3000K)	2200	3300
Replaces (HID)	100W HID	150W HID
Lumen Per Watt	85	85
Color Accuracy (CRI)	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight



6 Inch (30W)

Depth: 235mm/ 9.25"
 Diameter: 180mm/ 7.09"
 Max. Weight: 4.59 lbs

8 Inch (40W)

Depth: 265mm / 10.43"
 Diameter: 230mm / 9.06"
 Max. Weight: 4.92 lbs

■ Application



Commercial Downlight Retrofit Kit 6 inch & 8 inch

■ Ordering Information Example: DL3030-6

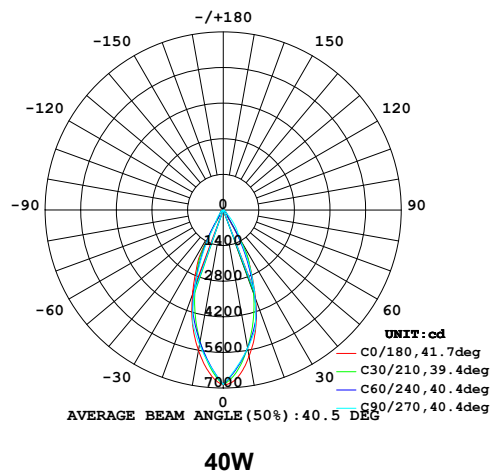
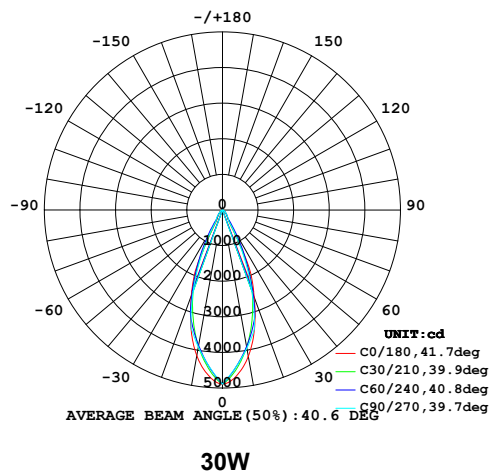
Downlight	Watts	CCT	Dimension
DL	30 - 30 Watts	30 - 3000K	6 - 6" (Only 30W)
	40 - 40 Watts		8 - 8" (Only 40W)

Notice:

* Standard Finish as Silver. Special Order as other finish color - Please Ask Customer Service for Details.

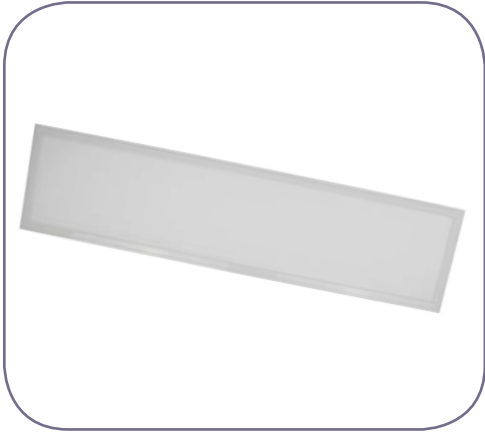
■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





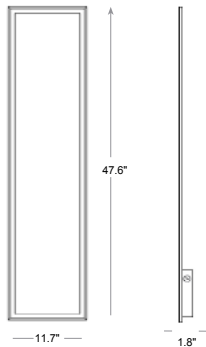
■ FEATURES

1. It is designed for standard T-bar and narrow grid drop ceiling
2. Ultra-thin profile and edge-to-edge design with a seamless connection structure
3. Extrusion Aluminum and PC diffuser enable even light distribution
4. High efficiency up to 110lm/W
5. Standard 1-10V dimming from 10% to 100%
6. Operating Temperature: -20~40°C (-4~104°F)

■ Performance

Input Watts (LM-79 Reported)	41
Input Voltage	120-277
Output Lumens (@3000K)	4693
Replaces (FL)	2x32W FL
Lumen Per Watt	112
Color Accuracy (CRI)	>80
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

■ Dimensions & Weight



1X4

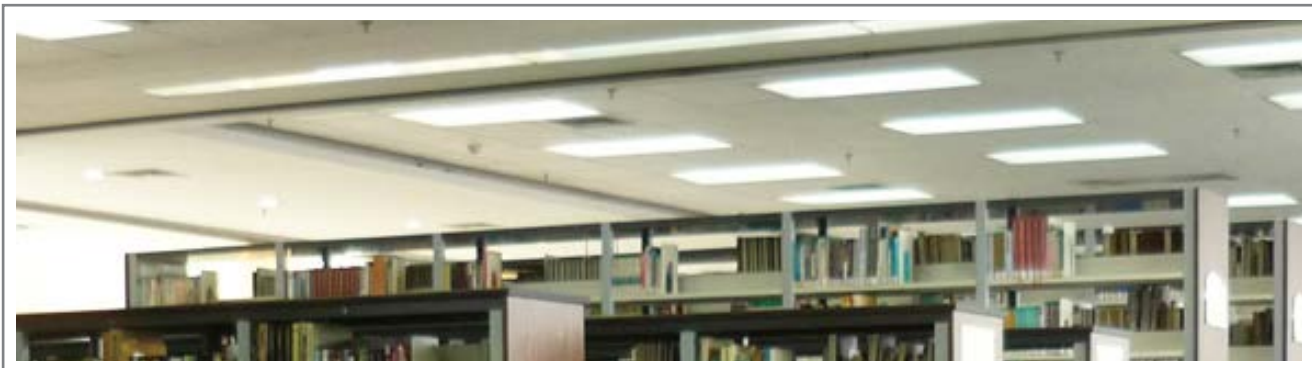
Length: 11.7"

Width: 47.6"

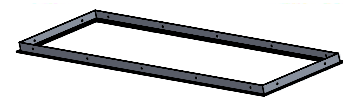
Height: 1.8"

Max. Weight: 11 lbs

■ Application



1*4 Flat Panel Accessories



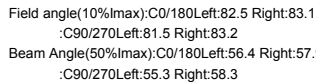
1*4 Flat Panel Recessed Mount Kit

Example: FLP14D3835

Notice:

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.





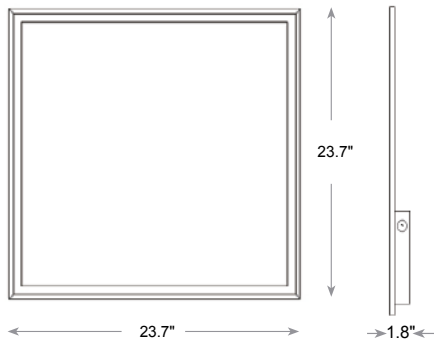
■ FEATURES

1. It is designed for standard T-bar and narrow grid drop ceiling
2. Ultra-thin profile and edge-to-edge design with a seamless connection structure
3. Extrusion Aluminum and PC diffuser enable even light distribution
4. High efficiency up to 110lm/W
5. Standard 1-10V dimming from 10% to 100%
6. Operating Temperature: -20~40°C (-4~104°F)

■ Performance

Input Watts (LM-79 Reported)	41
Input Voltage	120-277
Output Lumens (@3000K)	4770
Replaces (FL)	3x17W FL
Lumen Per Watt	114
Color Accuracy (CRI)	>80
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

■ Dimensions & Weight



2X2

Length: 23.7"

Width: 23.7"

Height: 1.8"

Max. Weight: 9.7 lbs

■ Application

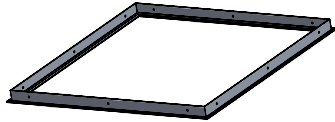


LED Flat Panel 2'x2'

■ Accessories Information (Order Separately)



FLP 2'x2 Surface Mount Kit
2'x2 Flat Panel Accessories



FLP 2'x2 Flange Kit
2'x2 Flat Panel Recessed Mount Kit

■ Ordering Information Example: FLP22D3835

Flat LED Panel	Dimention	Dimmable	Watts	CCT	EBU
FLP	22 - 23.7" x 23.7"	D - 1-10V dimming	38 - 38W	30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K	EBU - Emergency Battery Back-up ¹

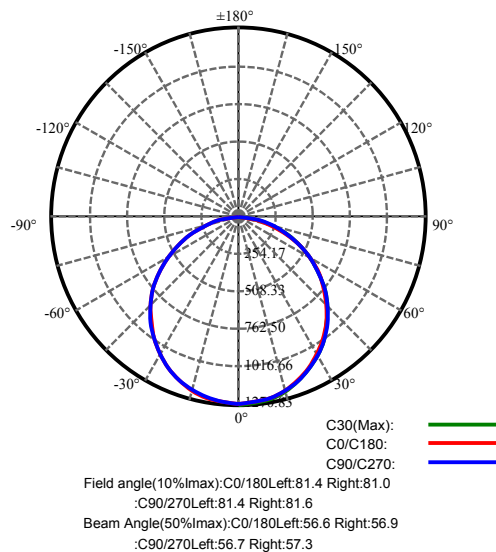
Notice:

1. The working temperature of fixture with EBU is 32-104°F.

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





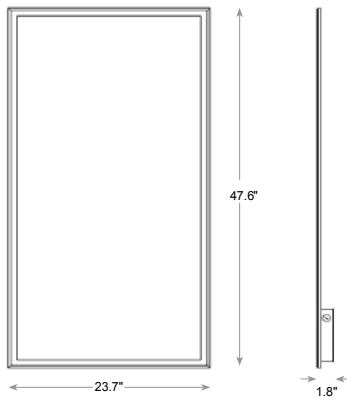
■ FEATURES

1. It is designed for standard T-bar and narrow grid drop ceiling
2. Ultra-thin profile and edge-to-edge design with a seamless connection structure
3. Extrusion Aluminum and PC diffuser enable even light distribution
4. High efficiency up to 110lm/W
5. Standard 1-10V dimming from 10% to 100%
6. Operating Temperature: -20~40°C (-4~104°F)

■ Performance

Input Watts (LM-79 Reported)	33	52
Input Voltage	120-270	120-277
Output Lumens (@3000K)	3661	5861
Replaces (FL)	3x32W FL or 4x32W FL	3x32W FL or 4x32W FL
Lumen Per Watt	111	113
Color Accuracy (CRI)	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight



2X4

Length: 23.7"

Width: 47.6"

Height: 1.8"

Max. Weight: 20.3 lbs

■ Application

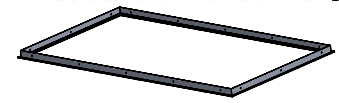


LED Flat Panel 2'x4'

■ Accessories Information (Order Separately)



FLP 2'x4' Surface Mount Kit
2'x4' Flat Panel Accessories



FLP 2'x4' Flange Kit
2'x4' Flat Panel Recessed Mount Kit

■ Ordering Information Example: FLP24D5335

Flat LED Panel	Dimension	Dimmable	Watts	CCT	EBU
FLP	24 - 23.7" x 47.6"	D - 1-10V dimming	38 - 35 W 53 - 53W	30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K	EBU - Emergency Battery Back-up ¹

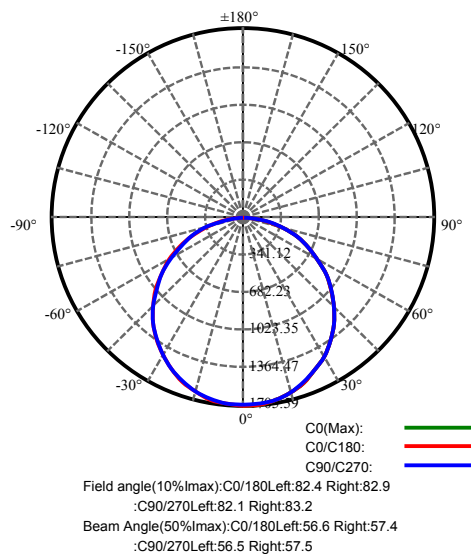
Notice:

1. The working temperature of fixture with EBU is 32-104°F.

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





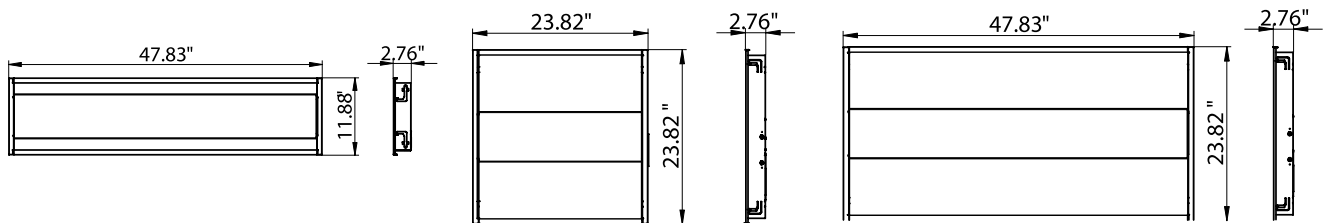
■ FEATURES

1. DLC Premium in process
2. Center basket design
3. Universal 120-277V
4. 1-10V dimming
5. EBU, sensor as the options

■ Performance

Input Watts	25	35	45
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	3250	4375	5850
Replaces (FL)	3 F17T8	4 F17T8	4 F32T8
Lumen Per Watt	130	125	130
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions



1x4

Max. Weight: 6.19lbs

2x2

Max. Weight: 8.66lbs

2x4

Max. Weight: 14.04lbs

■ Application



LED Center Basket Troffer

Ordering Information

Example: TR22D25LED30- SP-EBU

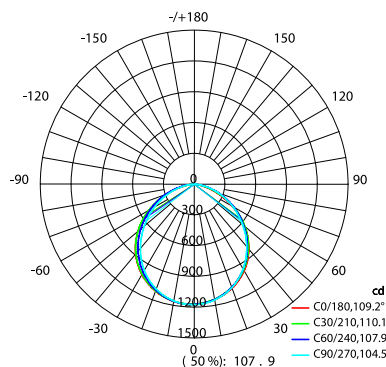
Center Basket Troffer	Size	Dimmable	Watts	LED	CCT	Series	Control
TR	14 - 1x4 FT	D - 1-10V	25 - 25 Watts	LED	35 - 3500K	SP – SP series	Blank - None
		Dimmable	35 - 35 Watts		40 - 4000K		MSW - Microwave Motion Sensor
					50 - 5000K		
	22 - 2x2 FT		25 - 25 Watts				EBU - Emergency Battery Back-up ¹
			35 - 35 Watts				
	24 - 2x4 FT		25 - 25 Watts				
			35 - 35 Watts				
			45 - 45 Watts				

Notice:

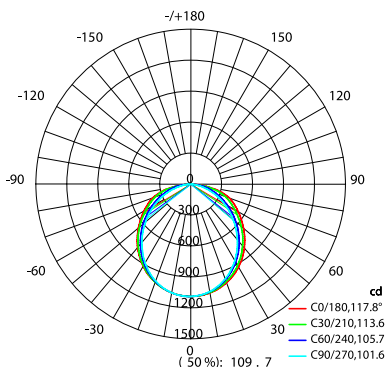
- Emergency battery backup is available for 2x2 and 2x4 NOT including 1x4. And the working temperature is 32-104°F. The emergency test button is pre-installed on fixture. If need a remote test switch please contact factory.
- Standard Finish is White.
- 35W 4000K will be in stock.
- Special Order as other finish color - Ask Customer Service for Details.

Photometry

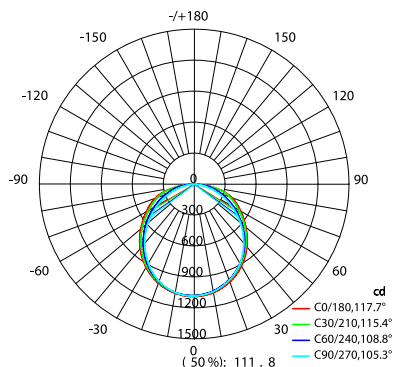
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



1x4



2x2



2x4

Note: Please visit our website for more details.





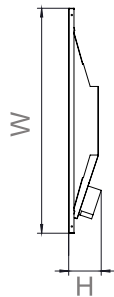
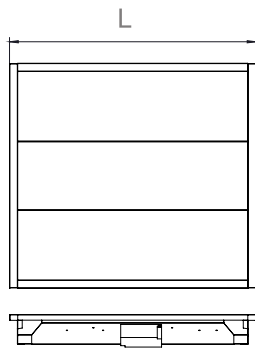
■ FEATURES

1. Special design can fit most of the FL T8/T8/U-bent troffer housings
2. Easy installation. Only need to remove the old troffers' covers and the ballast, and then connect the input voltage wires and safety hooks
3. Consistent light distribution as FL lamps
4. 125lm/W high efficacy
5. Universal voltage 120-277V
6. 1-10V dimming
7. Replace traditional fluorescent troffers in lay-in or T-grid ceilings in a variety of commercial and institutional applications.

■ Performance

Input Watts	18	26	32
Input Voltage	120-277	120-277	120-277
Output Lumens (@4000K)	2044	3348	3751
Replaces (FL)	2 F17T8	3 F17T8	4 F17T8
Lumen Per Watt	112	131	116
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions & Weight



2X2

Length: 22.56"

Width: 20.59"

Height: 2.97"

Max. Weight: 12 lbs

■ Application



Troffer Retrofit Kit 2'x2' DL Series

■ Ordering Information

Example: TRK22D25LEDXX-DL-EBU

TROFFER RETROFIT KIT	Dimension	Dimmable	Watts	Source type	CCT	Series	Control
TRK	22 - 2'x2'	D - 1-10V Dimmable	18 - 18 Watts ¹	LED	30 - 3000K	Series - DL	MSW - Microwave motion sensor
			25 - 25 Watts ²		35 - 3500K		
			32 - 32 Watts ³		40 - 4000K		EBU - Emergency Battery Backup ⁴
					50 - 5000K		

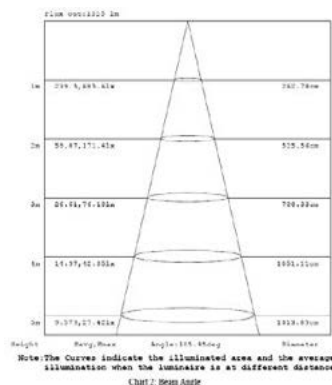
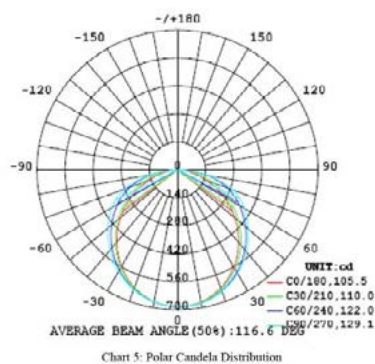
Notice:

1. All colors for 18W is DLC Standard qualified.
2. All colors except 3000K for 25W is DLC Premium qualified.
3. No DLC listing at present.
4. The working temperature of fixture with EBU is 32-104°F.

* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



18W

Note: Please visit our website for more details.





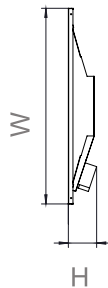
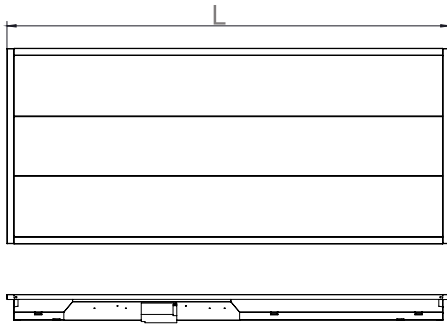
■ FEATURES

1. Special design can fit most of the FL T8/T8/U-bent troffer housings
2. Easy installation. Only need to remove the old troffers' covers and the ballast, and then connect the input voltage wires and safety hooks
3. Consistent light distribution as FL lamps
4. 125lm/W high efficacy
5. Universal voltage 120-277V
6. 1-10V dimming
7. Replace traditional fluorescent troffers in lay-in or T-grid ceilings in a variety of commercial and institutional applications.

■ Performance

Input Watts	25	36	44
Input Voltage	120-277	120-277	120-277
Output Lumens (@3500K)	3345	4464	5074
Replaces (FL)	2 F32T8	3 F32T8	4 F32T8
Lumen Per Watt	1303>80	124	118
Color Accuracy (CRI)	-4-104°F (-20-40°C)	>80	>80
Working Temperature	IP20 Rated	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating		IP20 Rated	IP20 Rated

■ Dimensions & Weight



2X4

Length: 46.62"
 Width: 20.59"
 Height: 2.97"
 Max. Weight: 21 lbs

■ Application



Troffer Retrofit Kit 2'x4' DL Series

■ Ordering Information

Example: TRK24D25LEDXX-DL-EBU

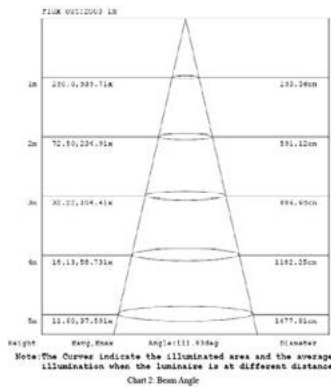
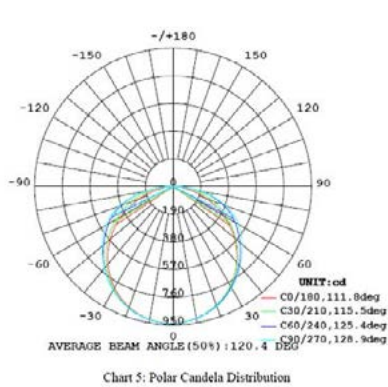
TROFFER RETROFIT KIT	Dimension	Dimmable	Watts	Source type	CCT	Series	Control
TRK	24 - 2'x4'	D - 1-10V Dimmable	25 - 25 Watts ¹	LED	30 - 3000K	Series - DL	MSW - Microwave Motion
			38 - 38 Watts ²		35 - 3500K		Sensor
			45 - 45 Watts ³		40 - 4000K		EBU - Emergency Battery
					50 - 5000K		Backup ⁴

Notice:

1. All colors except 3000K for 25W is DLC Premium qualified.
 2. All colors for 38W are DLC standard qualified
 3. All colors for 45W are DLC standard qualified
 4. 45W is unavailable in EBU solution. And the working temperature of fixture with EBU is 32-104°F.
- * Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



25W

Note: Please visit our website for more details.





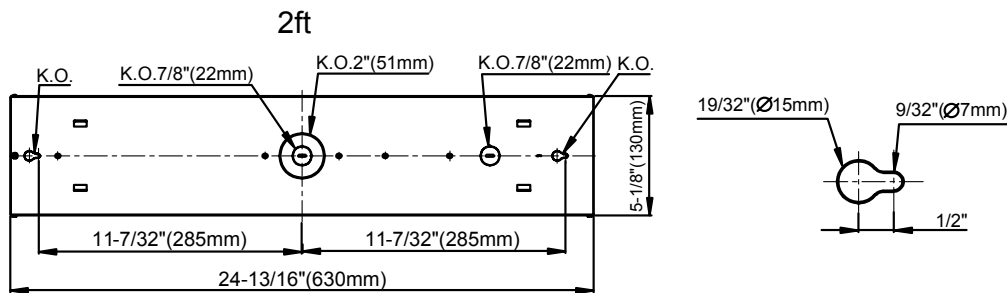
■ FEATURES

1. Traditional design with diffuser lens
2. DLC Premium listed
3. Well-known Philips LED driver enables high quality and performance
4. Wire guards, EBU and MS are available

■ Performance

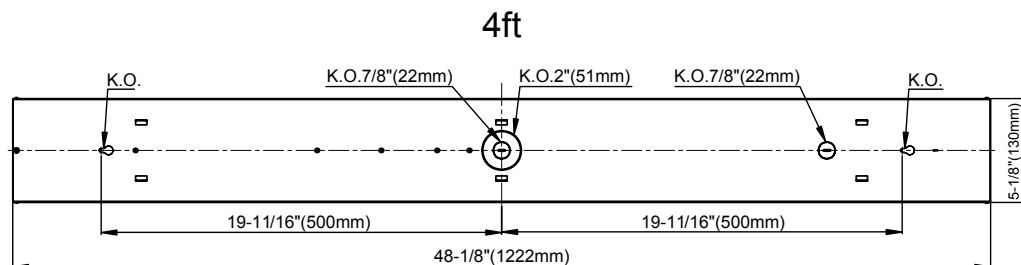
Input Watts (LM-79 Reported)	28 @2FT	38 @4FT
Input Voltage	120-277	120-277
Output Lumens (@5000K)	3640	5200
Replaces (FL)	2 Lamp - 17W T8	3 Lamp - 32W T8
Lumen Per Watt	130	130
Color Accuracy (CRI)	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight



2FT

Length: 25.01"
 Width: 5.12"
 Height: 3.03"
 Max. Weight: 3.46lbs



4FT

Length: 48.11"
 Width: 5.12"
 Height: 3.03"
 Max. Weight: 2.68 lbs

LED STD WRAP 2FT and 4FT

■ Application



■ Ordering Information

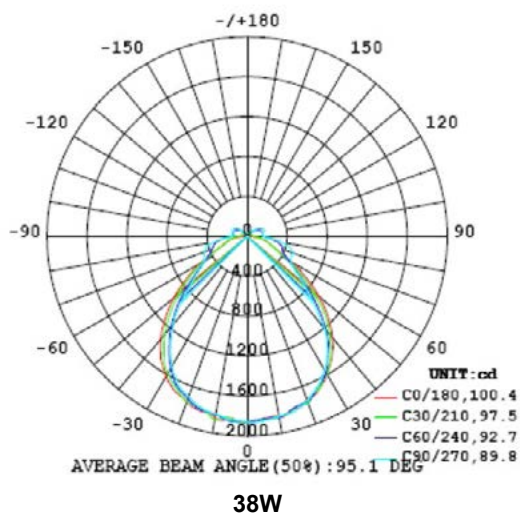
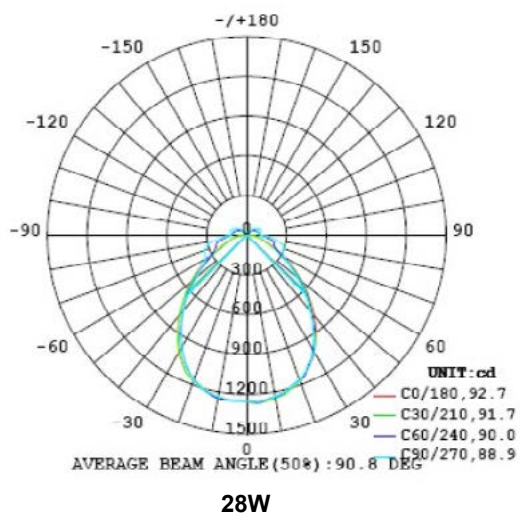
Example: WRP06D28LED301S-MSW

Wrap Fixture	Dimension	Dimmable	Watts	Source Type	CCT	Voltage	Series	Controls
WRP	06 - 2FT	D - 0-10V	28 - 28W	LED	30 - 3000K	1 - 120-277V	S - STD series	MSW - Microwave
	12 - 4FT	dimmmable	38 - 38W		40 - 4000K	2 - 480V		Motion Sensor
					50 - 5000K			

* Special Order - Please Ask Customer Service for Details

■ Photometry

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Note: Please visit our website for more details.





■ FEATURES

1. Traditional design with diffuser lens
2. Up to 110lm/W
3. Advanced Philips LED driver enables high quality and performance
4. Optional wire guards, EBU and motion sensor

■ Performance

Input Watts	40 @4FT	85 @8FT
Input Voltage	120-277	120-277
Output Lumens (@4000K)	4400	9350
Replaces (FL)	2 Lamp - 32W T8	4 Lamp - 32W T8
Lumen Per Watt	110	110
Color Accuracy (CRI)	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight

4FT

Length: 48.0"
 Width: 4.53"
 Height: 3.54"
 Max. Weight: 3.50 lbs

8FT

Length: 95.54"
 Width: 4.53"
 Height: 3.54"
 Max. Weight: 7.50 lbs

■ Application



LED STD STRIP 4FT and 8FT

■ Ordering Information Example: STR12D40LED401S-MSW

STRIP Fixture	Dimention	Dimmable	Watts	LED	CCT	Voltage	Series	Controls
STR	12 - 4FT	D - 0-10V dimmable	40 - 40W ¹	LED	40 - 4000K	1 - 120-277V	S - STD series	MSW - Microwave
	24 - 8FT		85 - 85W ²		50 - 5000K			Motion Sensor EBU - Emergency battery backup

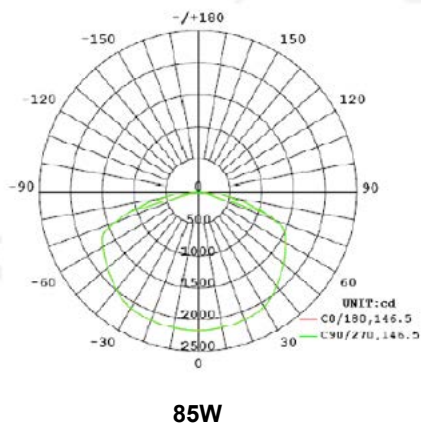
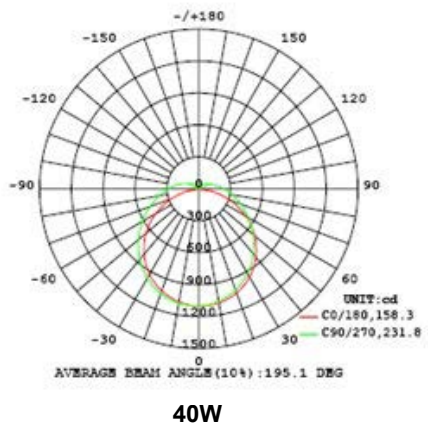
1. 40W for 4ft

2. 85W for 8ft

* Special Order - Please Ask Customer Service for Details

■ Photometry

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Note: Please visit our website for more details.





■ FEATURES

1. 60% saving than fluorescent lamps
2. 0-10V Dimming
3. Eco-friendly. No UV, no hissing or flickering. Mercury and lead free
4. 50,000 hours lifetime. Lumen maintenance >95% after 6000 hours
5. Hi-light and hi-efficient LED chips inside up to 130lm/W

■ Performance

Input Watts	10W (with one tube)	20W (with two tube)	30W (with three tube)	40W (with four tube)
Input Voltage	120-277V	120-277V	120-277V	120-277V
Output Lumens(@5000K)	1300lm	2600lm	3900lm	5200lm
Replaces (FL)	1F17T8(2FT)	2F17T8(2FT)	3F17T8(2FT)	4F17T8(2FT)
Lumen Per Watt	130	130	130	130
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions & Weight

Length: 23.54"

Width: 0.5"

Net Weight: 0.3lbs



■ Application



T8 LED QUICK-KIT 2FT (10W PER TUBE)

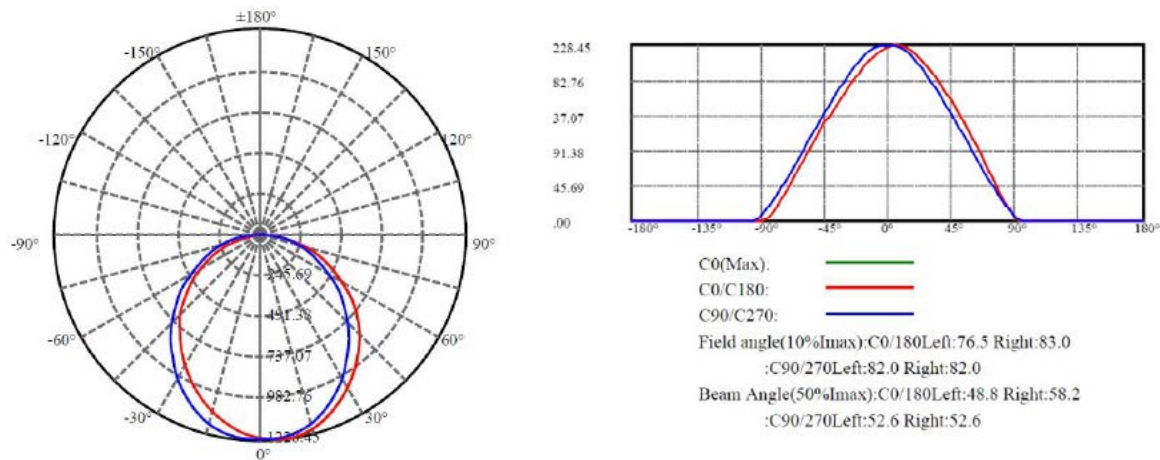
■ Ordering Information

Example: T810D30EX1G-FW06

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	10W - 10W/Tube	D - 0-10V dimmable	30 - 3000K	EX1 - one driver with one tube	G - G13	FW - Frost White	06 - 2FT
			35 - 3500K	EX2 - one driver with two tubes			
			40 - 4000K	EX3 - one driver with three tubes			
			50 - 5000K	EX4 - one driver with four tubes			

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





■ FEATURES

1. 60% saving than fluorescent lamps
2. 0-10V Dimming
3. Eco-friendly. No UV, no hissing or flickering. Mercury and lead free
4. 50,000 hours lifetime. Lumen maintenance >95% after 6000 hours
5. Hi-light and hi-efficient LED chips inside up to 130lm/W

■ Performance

Input Watts	15W (with one tube)	30W (with two tube)	45W (with three tube)	60W (with four tube)
Input Voltage	120-277V	120-277V	120-277V	120-277V
Output Lumens(@5000K)	1950lm	3900lm	5850lm	7800lm
Replaces (FL)	1F32T8(4FT)	2F32T8(4FT)	3F32T8(4FT)	4F32T8(4FT)
Lumen Per Watt	130	130	130	130
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions & Weight

Length: 47.17"

Width: 0.5"

Net Weight: 0.57lbs



■ Application



T8 LED QUICK-KIT 4FT (15W PER TUBE)

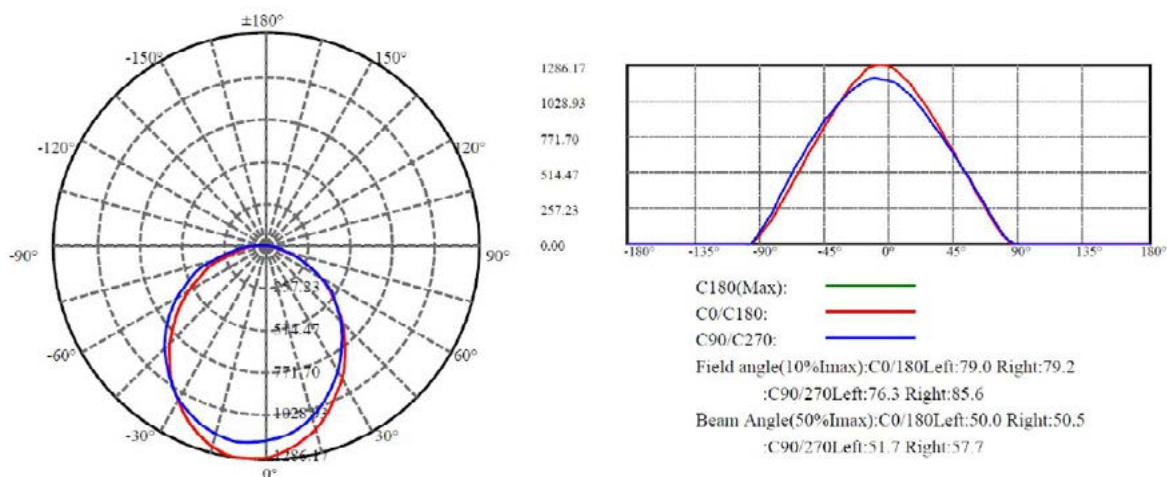
■ Ordering Information

Example: T815D30EX1G-FW12

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	15W - 15W/Tube	D - 0-10V dimmable	30 - 3000K	EX1 - one driver with one tube	G - G13	FW - Frost White	12 - 4FT
			35 - 3500K	EX2 - one driver with two tubes			
			40 - 4000K	EX3 - one driver with three tubes			
			50 - 5000K	EX4 - one driver with four tubes			

■ Photometry

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Note: Please visit our website for more details.





■ FEATURES

1. 60% saving than fluorescent lamps
2. 0-10V Dimming
3. Eco-friendly. No UV, no hissing or flickering. Mercury and lead free
4. 50,000 hours lifetime. Lumen maintenance >95% after 6000 hours
5. Hi-light and hi-efficient LED chips inside up to 130lm/W

■ Performance

Input Watts	36W (with two tube)	54W (with three tube)	72W (with four tube)
Input Voltage	120-277V	120-277V	120-277V
Output Lumens(@5000K)	4680lm	7020lm	9360lm
Replaces (FL)	2F32T8(4FT)	3F32T8(4FT)	4F32T8(4FT)
Lumen Per Watt	130	130	130
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ Dimensions & Weight

Length: 47.17"

Width: 0.5"

Net Weight: 0.57lbs



■ Application



T8 LED QUICK-KIT 4FT (18W PER TUBE)

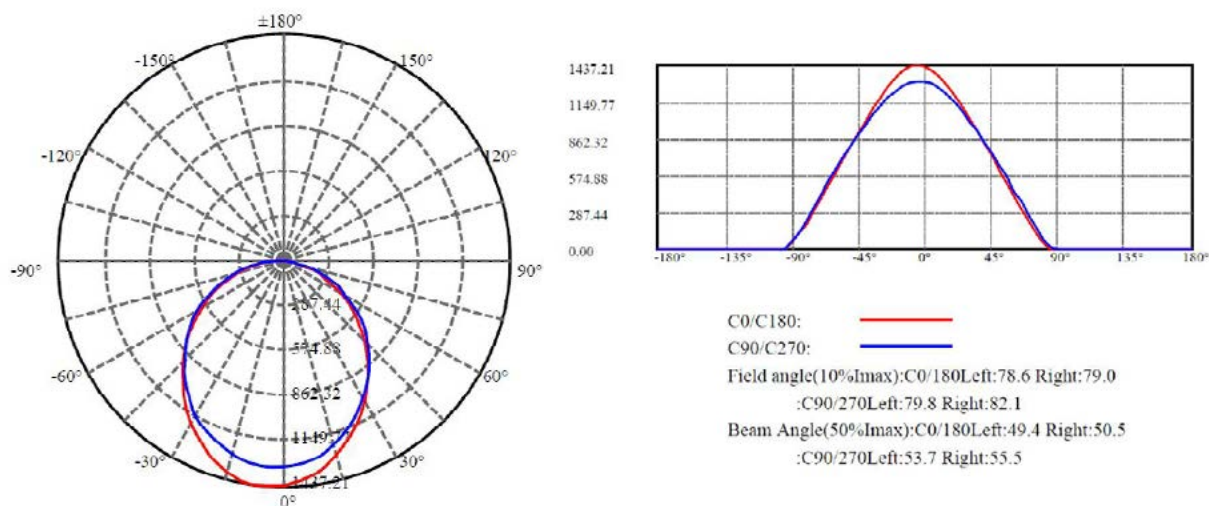
■ Ordering Information

Example: T818D30EX2G-FW12

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	18W - 18W/Tube	D - 0-10V dimmable	30 - 3000K	EX2 - one driver with two tubes	G - G13	FW - Frost White	12 - 4FT
			35 - 3500K	EX3 - one driver with three tubes			
			40 - 4000K	EX4 - one driver with four tubes			
			50 - 5000K				

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





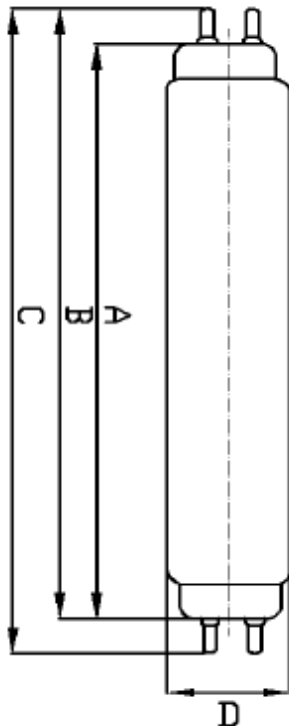
■ FEATURES

1. High efficacy >140lm/W
2. Compatible most of the FLT8 ballasts in the marketing
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ Performance

Input Watts	11.5	15
Input Voltage	Compatible with electronic ballast	Compatible with electronic ballast
Output Lumens (@5000K)	1800	2200
Replaces (FL)	32W T8	32W T8
Lumen Per Watt	145	140
Color Accuracy (CRI)	>82	>82
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight



Max Length A: 47.22"
 Max Length B: 47.50"
 Max Length C: 47.78"
 Max Width D: 1.02"
 Max. Weight: 0.40 lbs

LED Compatible T8 Glass Tube

■ Application



■ Ordering Information

Example: T811409-FW12-GL

Size	Watts	CCT	Compatible	Lens Type	Length	Glass Tube
T8	11 - 11.5 Watts	40 - 4000K	9	FW - Frost White ¹	12 - 4FT	GL
	15 - 15 Watts	50 - 5000K				

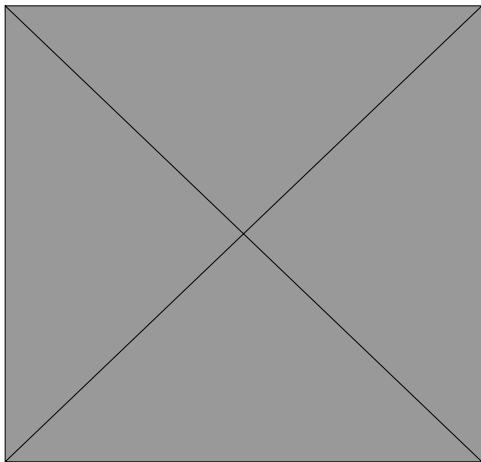
Notice:

1. Standard Finish as Frost White

* Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





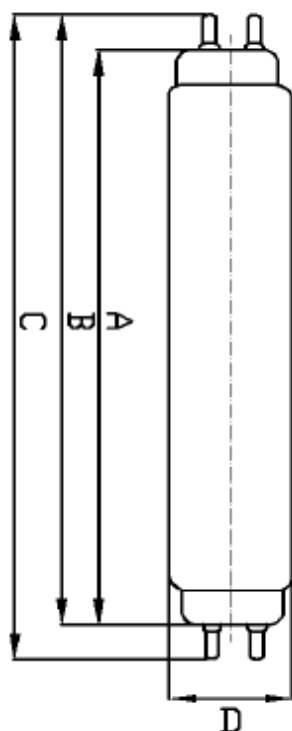
■ FEATURES

1. High efficacy >140lm/W
2. By pass the ballasts
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ Performance

Input Watts	11.5	15
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1800	2200
Replaces (FL)	32W T8	32W T8
Lumen Per Watt	145	140
Color Accuracy (CRI)	>82	>82
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ Dimensions & Weight



Max Length A: 47.22"

Max Length B: 47.50"

Max Length C: 47.78"

Max Width D: 1.02"

Max. Weight: 0.68 lbs

LED AC Direct Wire T8 Glass Tube

■ Application



■ Ordering Information

Example: T811401-FW12-GL

Size	Watts	CCT	AC Direct Wire	Lens Type	Length	Glass Tube
T8	11 - 11.5 Watts	40 - 4000K	1	FW - Frost White ¹	12 - 4FT	GL
	14 - 14.5 Watts	50 - 5000K				

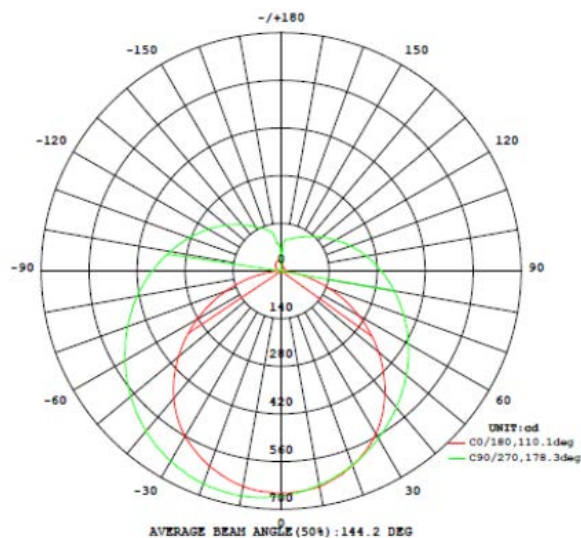
Notice:

1. Standard Finish as Frost White

* Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





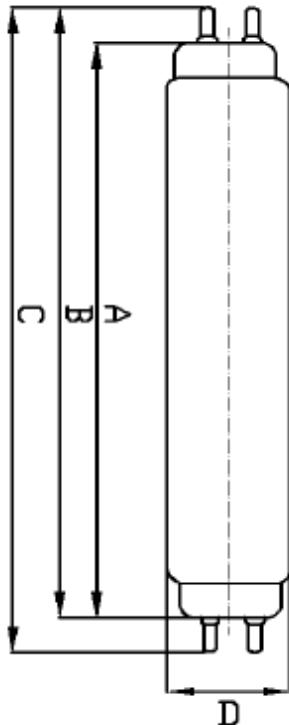
■ FEATURES

1. High efficacy >140lm/W
2. Compatible most of the HO T5 ballast in the marketing
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ Performance

Input Watts	25
Input Voltage	Compatible with HO ballast
Output Lumens (@5000K)	3500
Replaces (FL)	54W T5
Lumen Per Watt	140
Color Accuracy (CRI)	>82
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

■ Dimensions & Weight



Max Length A: 45.24"
 Max Length B: 45.52"
 Max Length C: 45.79"
 Max Width D: 0.63"
 Max. Weight: 0.25 lbs

Compatible T5 Tube (Glass)

■ Application



■ Ordering Information

Example: T525409-FW12-GL

Size	Watts	CCT	Compatible	Lens Type	Length	Glass Tube
T5	25 - 25 Watts	40 - 4000K 50 - 5000K	9	FW - Frost White ¹	12 - 4FT	GL

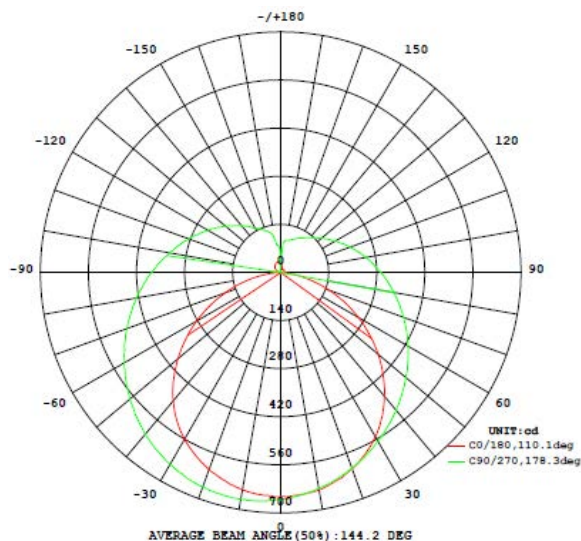
Notice:

1. Standard Finish as Frost White

* Special Order as other finish color - Please Ask Customer Service for Details.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





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